# THE WORLD AROUND US

## STEP BY STEP

LADDER

3

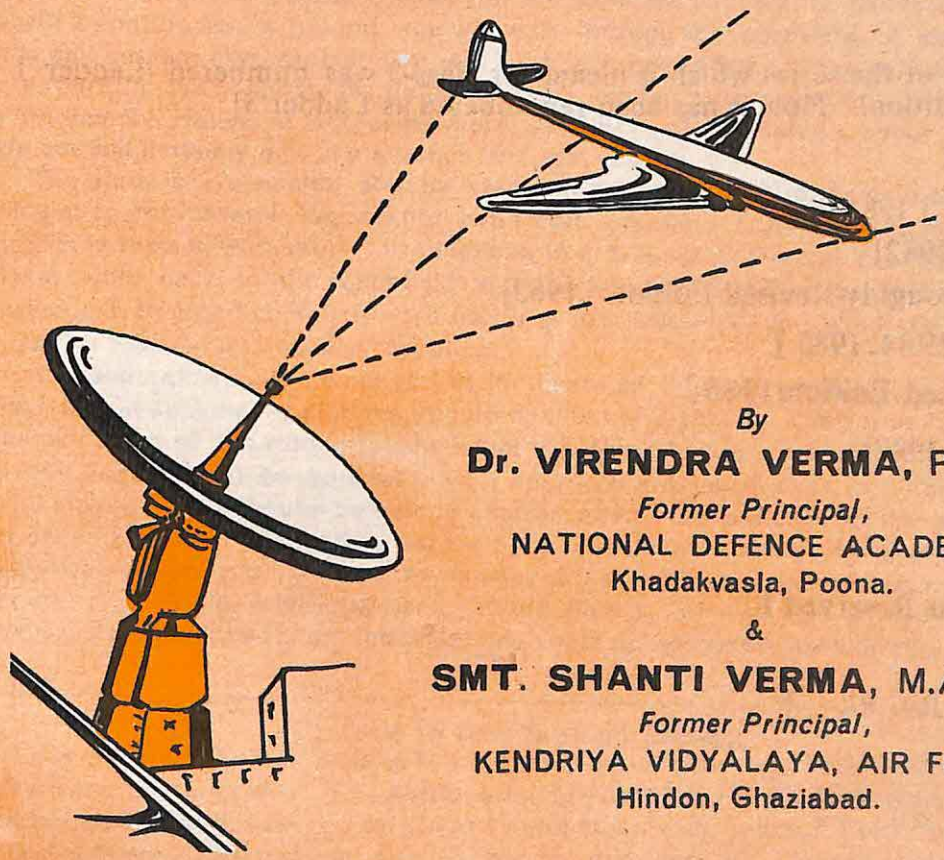
Ambar General Knowledge Series

# THE WORLD AROUND US

STEP BY STEP

( WHO ? WHAT ? WHEN ? WHERE ? HOW ? WHY ? )

LADDER 3




*By*

**Dr. VIRENDRA VERMA**, Ph. D.,

*Former Principal,*

NATIONAL DEFENCE ACADEMY

Khadakvasla, Poona.

&

**SMT. SHANTI VERMA**, M.A., B.T.,

*Former Principal,*

KENDRIYA VIDYALAYA, AIR FORCE,

Hindon, Ghaziabad.



**AMBAR PARKASHAN**

*Educational Publishers*

**888, East Park Road, Karol Bagh, New Delhi-110005 (India)**

*Published by*
**AMBAR PARKASHAN**
*Educational Publishers*
888, East Park Road, Karol Bagh,
NEW DELHI-110005. (INDIA)
*Telephones:* Office : 526933
Res : 5721321

[This volume of the series which is meant for class-3 was numbered Ladder 1 in the first Edition. Now it has been renumbered as Ladder 3]

[First Edition : 1981]
[Reprinted : 1982]
[Second Thoroughly Revised Edition : 1983]
[Reprinted: 1984, 1985]
[Third Revised Edition: 1986]
[Reprinted : 1987]

[ © Copyright Reserved ]

ACC NO - 15568

[ PRICE : Rs. 8/- ]

*Printed at :*
**Piyush Printers Publishers Pvt. Ltd.**
G-12, Udyog Nagar,
Rohtak Road Industrial Area,
New Delhi-110041.
(Phone : 87440)

## PREFACE

Dear Young Friends,

We place before you a series of books on "The World Around Us—Step by Step" The Sub Title of the series will interest you, for our aim is to help you to answer yourselves your usual questions—'What ? When ? Where ? How ? and Why' ?

There is so much to learn about ourselves—our past and our present, about plant and animal life, about things we do and use, about strange phenomena of science and its inventions and about man's efforts to make his life comfortable.

Most of you love to read books according to your age-group and interest. Our aim is to just awaken your interest and arouse your curiosity so that you build a life-long habit to keep your five senses awake.

This series of books does not make a dictionary or an encyclopaedia or a book of knowledge. We are only taking you to various fields in an informal manner. We will help you to walk with celebrities of the past and the present; we shall take you to the agricultural fields and to the industrial plants; you will converse with plants, animals and insects; you will be on the sports ground; you will walk through the corridors of ancient monuments and modern skyscrapers; you will be at the post office, at the railway station, at the airport, in the hospital, in the bank, in the research laboratories, on the dams, in the Parliament House, in fact everywhere. We may not be able to cover details of all fields but will certainly give you a 'touch and go' feeling.

The study is systematic, step by step, from the known to the unknown, from the particular to the general, We do not jump from one field to another haphazardly. Our approach is topical, with short introductions to arouse your interest in a particular field. We may come back to the same field again in the higher ladder to provide you more knowledge in that particular field. It is only at a later stage that you will have 'Mixed Bags' for quicker thinking and quicker response.

You will notice that the series has innumerable illustrations because we strongly believe that in such books pictures should do most of the work. The series is intended to be an exhibition of the wonderful show that the World has in store for you.

We hope you will be earnest in your approach and take it easy, in a non-formal and playful manner. You should be able to answer about fifty per cent of the questions on your own; for another twenty-five per cent you have to make some effort; and for the rest twenty-five per cent you may have to run about, seek information from your parents and teachers or look up reference books in the library. Sincere efforts will pay a good dividend. There will be no fun indeed, if you could straight-away answer all questions.

—Authors

## Preface to the Revised Edition

It is a matter of great satisfaction that this series has been very well received by teachers and students alike. This series originally consisted of six Ladders: Ladder I was intended for Class III, Ladder 2 for Class IV and so on with Ladder 6 meant for Class VIII There has been a persistent demand that two more ladders for Classes I and II may also be added to the series. Complying with this demand, two more ladders have been added. Now there are eight ladders; Ladder I is intended for Class I, Ladder 2 for class II and so on with Ladder 8 for Class VIII. With the renumbering of ladders, there might be some initial difficulty for which we seek forgiveness, but in the long run, the numbering now done will prove useful.

All the six ladders of the original series have been thoroughly revised, some difficult questions have been removed or shifted to higher ladders. Answers have also been provided. We hope the present series will prove more useful.

# CONTENTS


| Step | Chapter | Page |
|---|---|---|
| 1. | Your Home ... ... | 1 |
| 2. | Your School ... ... | 4 |
| 3. | Articles of Common Domestic Use—Trade Names ... ... | 7 |
| 4. | To Market : To Market ... ... | 9 |
| 5. | Visit to a Park—A. Bird Life; B. World of Flowers ... | 11 |
| 6. | Torch Bearers of India's Freedom ... ... | 17 |
| 7. | Visit to Some Well-Known Indian Towns ... ... | 20 |
| 8. | Machine Age of Today : A. Some Common Tools B. Electric Gadgets In Use ... | 22 |
| 9. | India – The Land of Many Faiths ... ... | 28 |
| 10. | Odd One Out ... ... | 32 |
| 11. | The Animal World : A. Visit to a Zoo B. How do These Animal serve? ... | 34 |
| 12. | On the Playground ... ... | 40 |
| 13. | Hobbies and Recreations ... ... | 42 |
| 14. | Animal World—Adaptation to Strange Ways of Life ... | 49 |
| 15. | Little Tit – Bits on Health and Hygiene ... ... | 53 |
| 16. | Your Neighbourhood ... ... | 57 |
| | ANSWERS ... ... | 60 |

STEP 1

# YOUR HOME

( You have a sweet home, where you stay with your parents.

You have your brothers and sisters too; you may have your grand-parents as well with you.

You are a member of your SWEET HOME. Your first step in knowing 'The World Around You' is to know the answers to the following questions about YOU and YOUR HOME.)

1. What is your full name ? .....
2. What is your date of birth ? .....
3. What is your age in years and months ? Years ..... Months .....
4. Give your father's name. .....
5. What are your father's first interests, besides his professional work– sports, music, reading, social service or club life ? .....

6. What are his academic/ technical qualifications ? .....

7. What profession does he follow ? .....

8. What are your mother's first interests—cooking, music, reading, social work, or club life ? .....

9. How many brothers and sisters have you ? .....

10. What is the total strength of your family ? .....

11. Give your postal address. .....

12. How do you go to school—by (i) school bus, (ii) public bus, (iii) private transport, (iv) cycle or (v) on foot ? .....

13 What is your main hobby ? .....

14. Do you listen to a transistor/radio and/or .....

enjoy T.V. programme? ..... If so, how much time do you spend daily ? .....hours.

15. Name any special hobby that you may have in common with your parents and other members of your family. .....

16. How much time do you devote to your private studies ? .....hours.

17. Do you go out on picnics with your parents, brothers and sisters ? .....

18. Do you love to read books other than your class books ? .....

19. Does your mother help you in your private studies ? .....

20. Give your telephone number, if you have one. .....

Assessment /20

Teacher's Signature

STEP 2

# YOUR SCHOOL

(You are now a member of a bigger family–THE SCHOOL.

You must know what the school can do for you and how far you are making use of the facilities available in the school for your all-round progress.

Your school is your SECOND HOME.)

1. Give full name of your school. .....
2. Is it run by the government or by a trust ? .....
3. Name the Principal of your school. .....
4. What are his/her special interests.(Games, dramatics, painting,etc.) .....
5. Name your Class Teacher. .....
6. What is the number of students in your class ? .....
7. Name your best friend in the class. .....
8. Name your School Captain. .....

9. What is your school uniform ? .....

10. Have you an Assembly Hall in your school ? .....

11. Do you know your school prayer by heart ? .....

12. Do you know the National Anthem by heart ? .....

13. What crafts are you learning under the S. U. P. W. ? .....

14. When do you celebrate your School Day ? .....

15. Who is the best Hockey player of your school ? .....

16. Who is the best Cricket player of your school ? .....

17. Who is your best Football player ? .....

18. Which styles of dance are taught in your school ? .....

19. Does your school invite some guest speakers to address you on subjects of general interest ? .....

.....

20. In what indoor or outdoor activities of your school are you beginning to take interest ? .....

.....

Assessment— /20

Teacher's Signature : _____

STEP 3

# ARTICLES OF COMMON DOMESTIC USE: TRADE NAMES

( Look at the articles which are used in your home. Also look at the advertisements in the newspapers and magazines. With which articles of daily use are the following 'Trade Names' associated ?)

1. Britannia .....
2. Amul .....
3. Forhan's .....
4. Cadbury .....
5. Surf .....
6. Televista .....
7. Monacco .....
8. Lipton .....
9. Vim .....
10. Brooke Bond .....
11. Allwyn .....
12. Pond's .....

13. Lux .....

14. Binaca .....

15. Horlicks .....

16. Gluco .....

17. Bush .....

18. Krackjack .....

19. Bata .....

20. Lakme .....

21. Point .....

22. Dettol .....

23. Det .....

24. Liril .....

25. Afghan .....

(For your guidance the above are the trade names of teas, biscuits, soaps, toothpastes, transistors, refrigerators, T.Vs, shoes, creams and powders, chocolates, cleansing powders, germicidals and milk-products.)

Assessment : /25

Teacher's Signature :.....

STEP 4

# TO MARKET : TO MARKET :

(How often do you go with your mother to market and buy some stationery, some sweets or biscuits or an ice cream or a soft drink ? )

Give approximate current rates at which you buy the following articles :

( Quantity—one item or one packet of each, unless stated otherwise. )

| | | Rs. | Paise |
|---|---|---|---|
| 1. | Student's exercise book—200 pages | ..... | ..... |
| 2. | Natraj pencil | ..... | ..... |
| 3. | Erasmic rubber | ..... | ..... |
| 4. | Globe geometry box. | ..... | ..... |
| 5. | Wilson fountain pen | ..... | ..... |
| 6. | Camel ink | ..... | ..... |
| 7. | 5-star chocolate | ..... | ..... |
| 8. | Ice cream cone | ..... | ..... |
| 9. | Bata P.T. shoes – one pair | ..... | ..... |
| 10. | Vanilla-an ice cream cup (small) | ..... | ..... |
| 11. | Soft drink—Limca/Campa Cola | ..... | ..... |

12. Plain cake (with icing)—500 grams .....

13. Parle sweets—100 grams .....

14. Monaco biscuits—one packet .....

15. Krackjack biscuits—one packet .....

16. Nylon Socks—one pair .....

17. Lux Soap—one cake .....

18. Plastic Footrule .....

19. One cup of tea .....

20. Three photographs for Identity Card .....

Assessment— /20

Teacher's Signature:.....

STEP 5

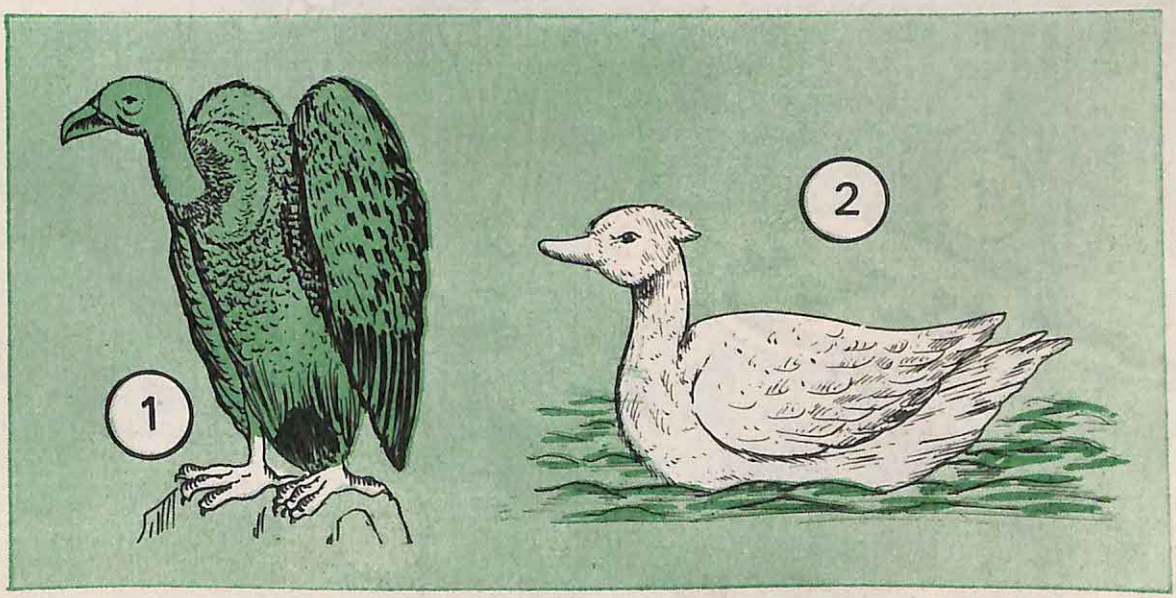
# VISIT TO A PARK

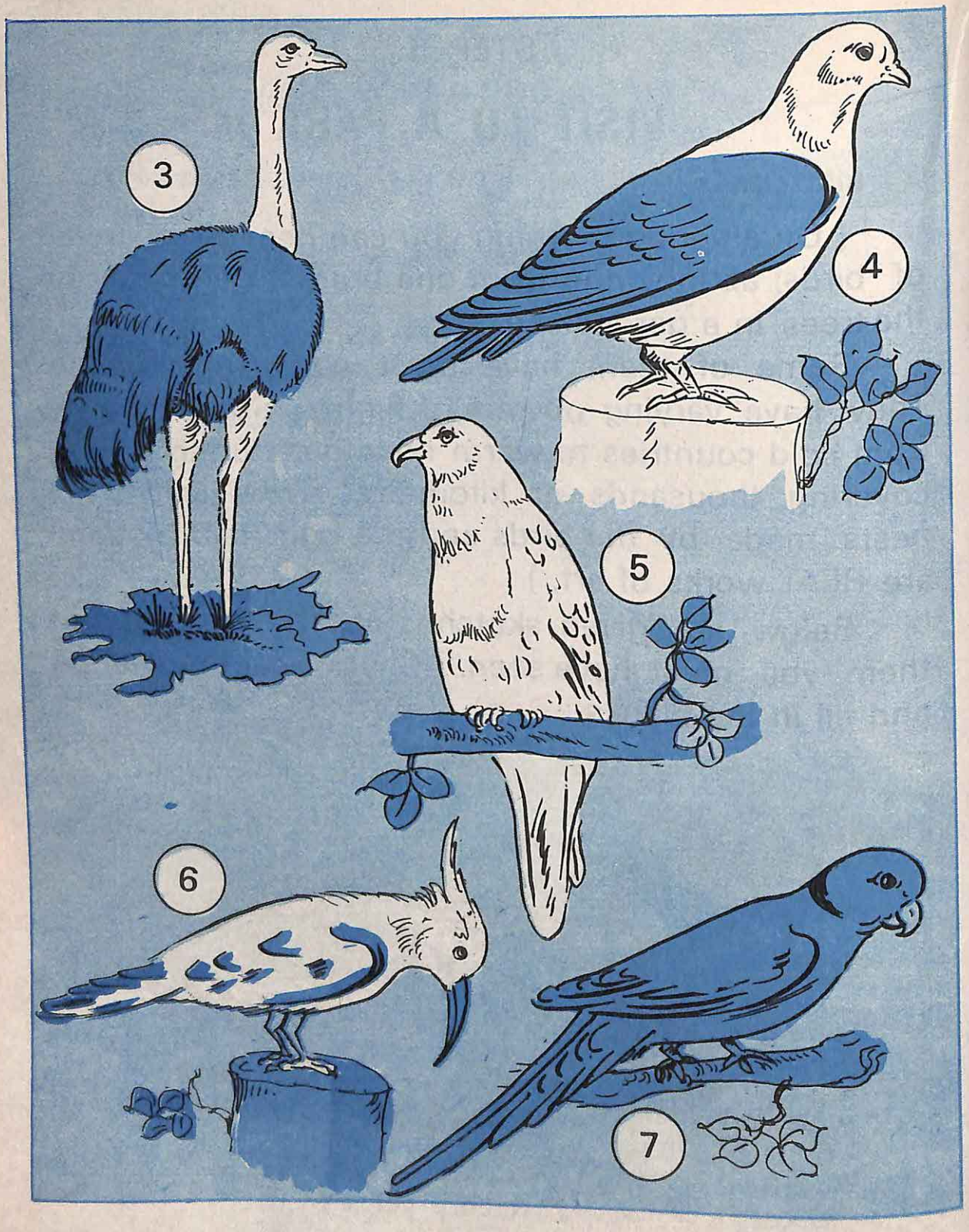
## A. BIRD LIFE

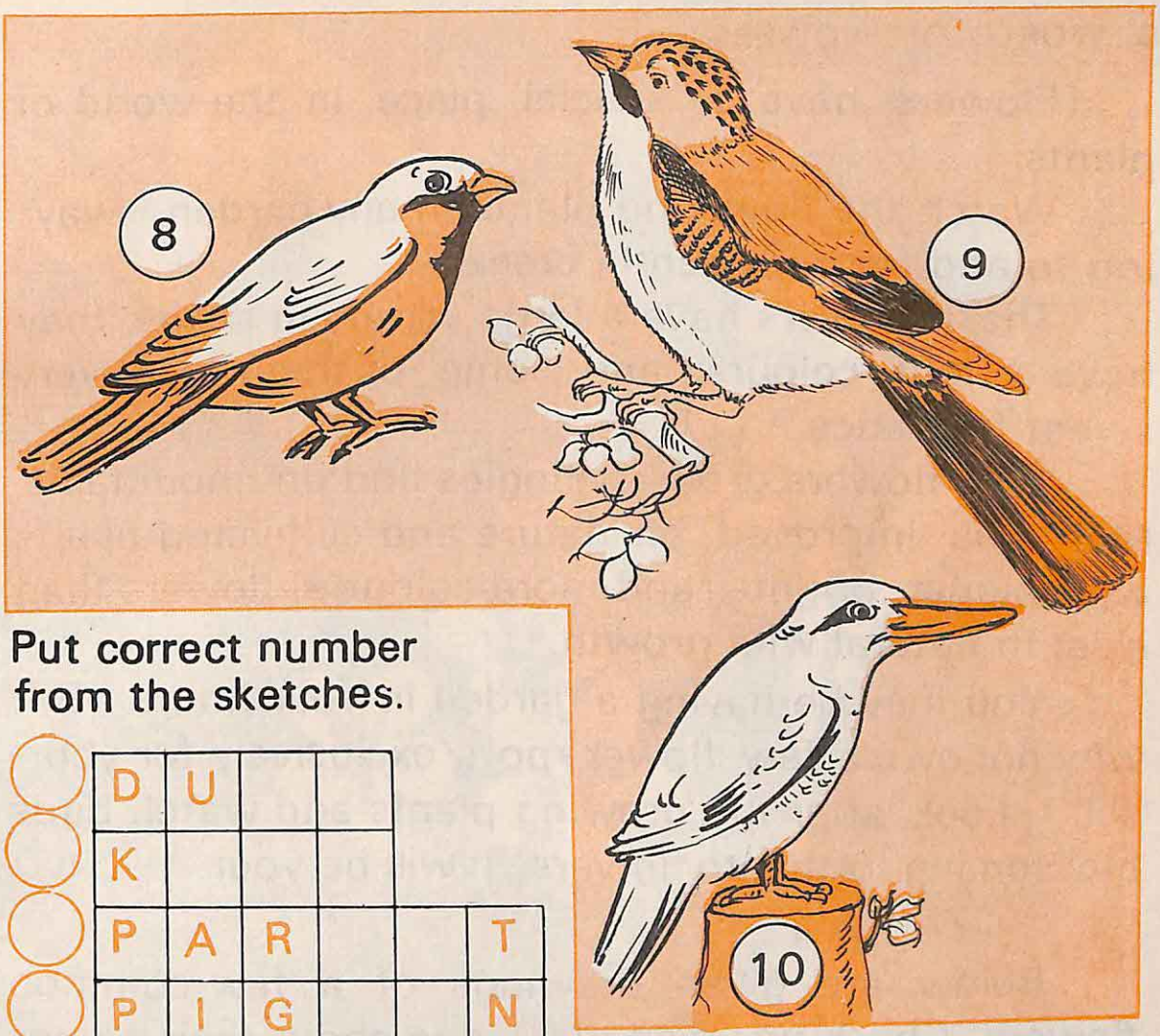
( On a spring morning you can hear the chirping of birds, as they hop from one branch to another on the trees in a garden.

Some of them have most colourful plumage. They have varying powers of flight. Some migrate from cold countries to warm countries during winter, covering thousands of kilometres every year. The nests made by the birds and the eggs laid by them are REAL works of art. )

Below are given sketches of ten birds; most of them you must have seen. Check your knowledge and fill in the blanks :




3
4
5
6
7




Put correct number from the sketches.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ◯ | D | U | | | | | | | | |
| ◯ | K | | | | | | | | | |
| ◯ | P | A | R | | | T | | | | |
| ◯ | P | I | G | | | N | | | | |
| ◯ | O | | T | | | | H | | | |
| ◯ | V | U | L | | | | E | | | |
| ◯ | S | P | | | | | W | | | |
| ◯ | B | L | | | - | J | | | | |
| ◯ | W | O | | | - | P | E | | | |
| ◯ | K | I | | | - | F | I | | | R |

## B. WORLD OF FLOWERS

(Flowers have a special place in the world of plants.

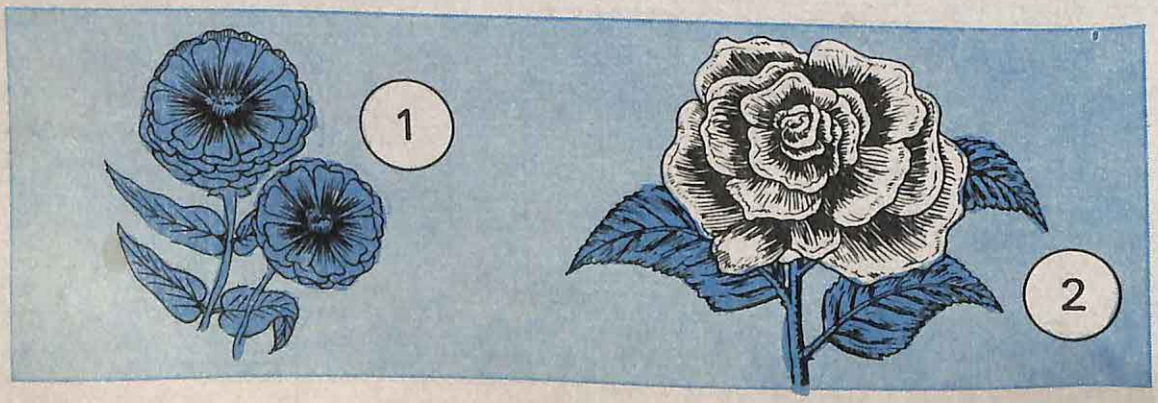
Watch the flowering plants in any garden, swaying to and fro with gentle breeze.

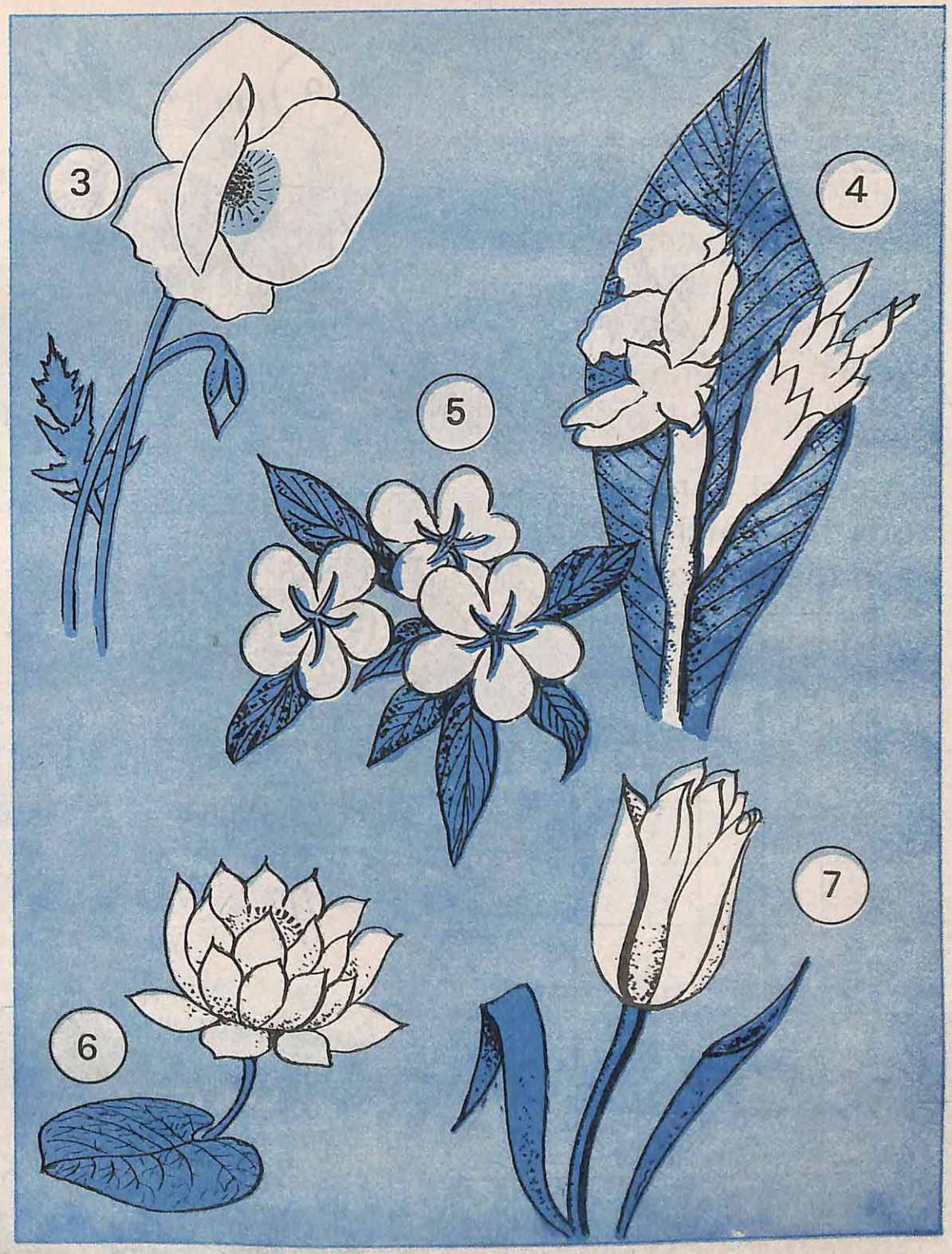
These flowers have a large variety in shape; they have bright colours; and some of them have very sweet fragrance.

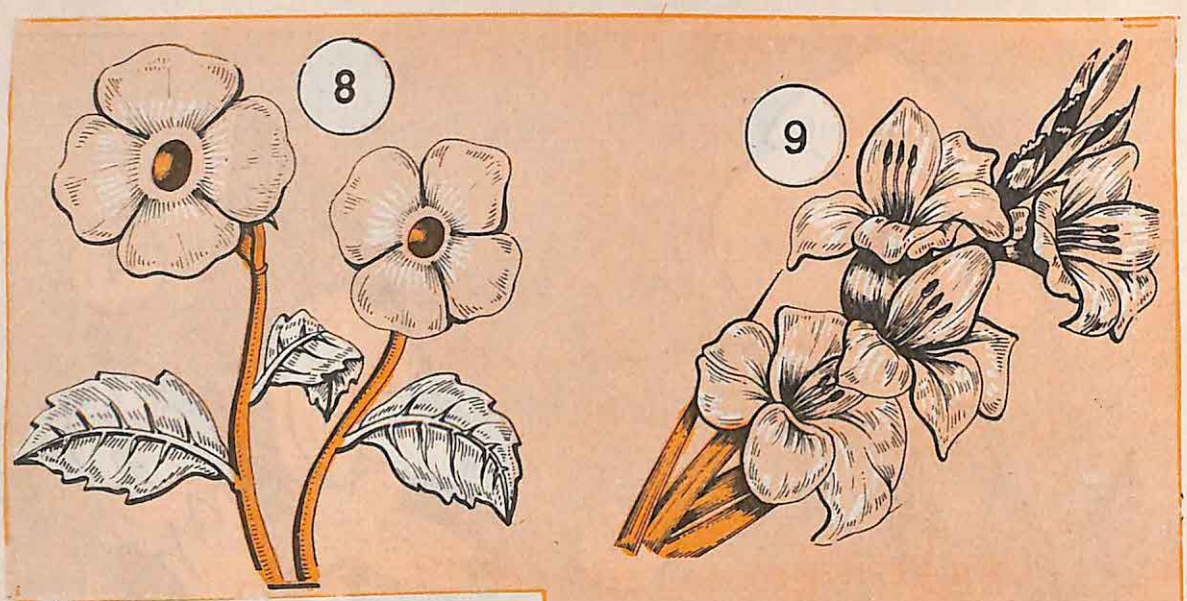
Wild flowers grow in jungles and on mountains. Man has improved on nature and cultivated plants with bigger, brighter and more colourful flowers than exist in natural wild growth.

You may be having a garden in your home. But why not own a few flower-pots exclusively for yourself. Look after the growing plants and watch buds blossoming forth into flowers. It will be your 'WORLD OF FLOWERS.')

Below are given drawings of a few common flowers. Check up your knowledge about their names and fill in the blanks.




3
4
5
6
7




Put correct number from the sketches and fill in the blanks :

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ◯ | R | O | | | | | |
| ◯ | P | O | P | | | | |
| ◯ | P | A | N | | | | |
| ◯ | C | A | N | | | | |
| ◯ | L | O | T | | | | |
| ◯ | T | U | L | | | | |
| ◯ | D | A | H | | | | |
| ◯ | Z | I | N | | | | |
| ◯ | C | H | A | | | | |
| ◯ | G | L | A | | | | |

Assessment — /20

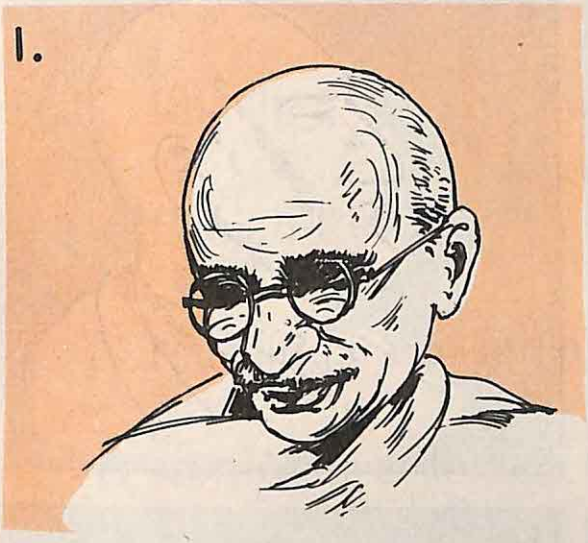
Teacher's Signature : .....

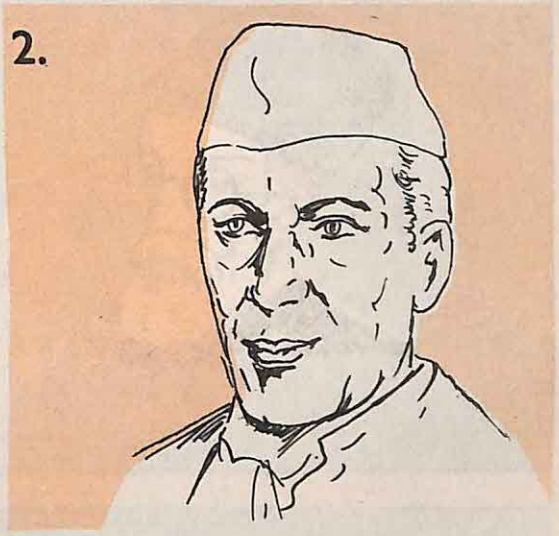
STEP 6

# TORCH BEARERS OF INDIA'S FREEDOM

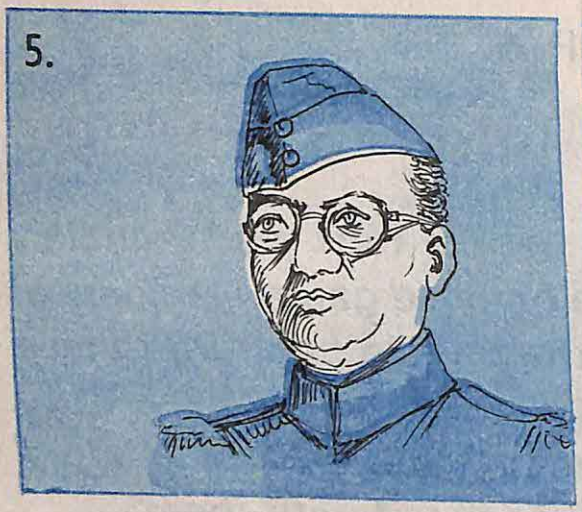
(A large number of people took part in India's struggle for freedom. Some of these gained eminence. Out of love and affection the people honoured these leaders with special names.)

Below are given sketches of ten eminent leaders and words of endearment associated with them:



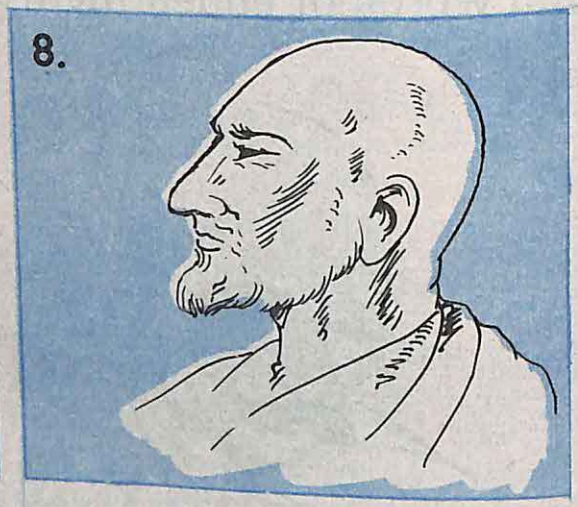
5.



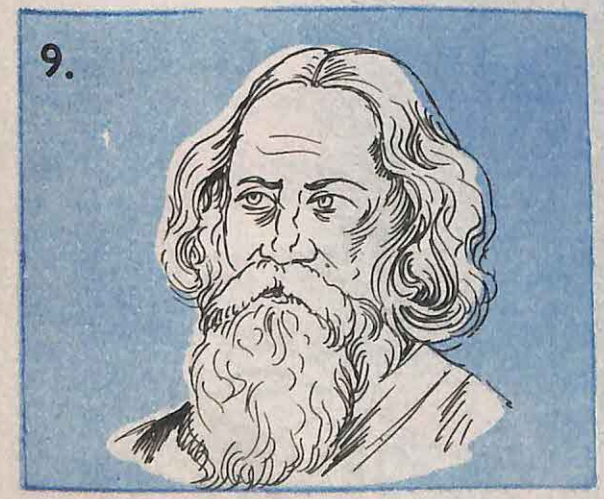
6.

7.

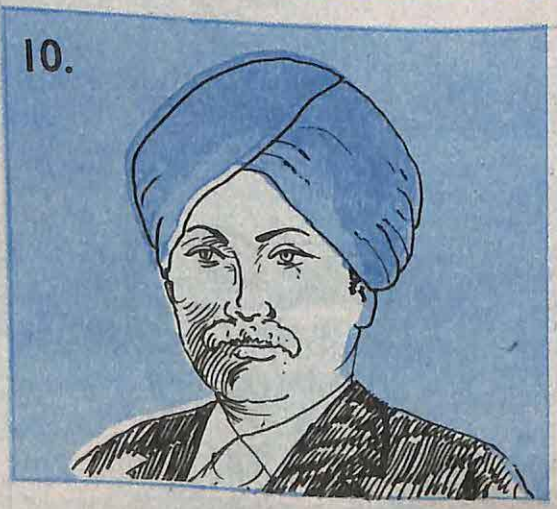
8.



9.



10.



(i) Associate these words with leaders who have been thus honoured by the people.
(ii) Write down their full names.
(iii) Put correct number of the sketch.

1. Netaji .....
2. Bapuji .....
3. Lokmanya .....
4. Chacha .....
5. Punjab-Kesri .....
6. Nightingale of India .....
7. Iron Man of India .....
8. Gurudev .....
9. Badshah Khan .....
10. Grand Old Man of India .....

Assesment /20
Teacher's Signature :

STEP 7

# VISIT TO SOME WELL-KNOWN INDIAN TOWNS

Come, let us visit some well-known Indian towns.

A. Each one of the following towns is associated with something important, either some special industry, scenic beauty, famous building or some other important aspect.

Fill in the blanks with what each is famous for.

1. Srinagar .....
2. Amritsar .....
3. Agra .....
4. Delhi .....
5. Mathura .....
6. Bombay .....
7. Kanpur .....
8. Simla .....
9. Sabarmati .....
10. Shantiniketan .....

Golden Temple, Dal Lake, Tajmahal, Krishna's Birth Place, Hill Station, Red Fort, Famous Harbour, Gandhiji's First Ashram, Tagore's Educational Institution, and Textile and Leather factories.

B. What are the following ? With whom are they associated ?

1. Anand Bhawan .....

2. Nirmal Hridaya .....

3. Shanti Van .....

4. Raj Ghat .....

5. Vijaya Ghat .....

6. Sansad Bhawan .....

C. With which fruits are the following places associated ?

1. Lucknow .....

2. Allahabad .....

3. Nagpur .....

4. Kulu Valley .....

Assesment /20

Teacher's Signature:.....



15568

STEP 8

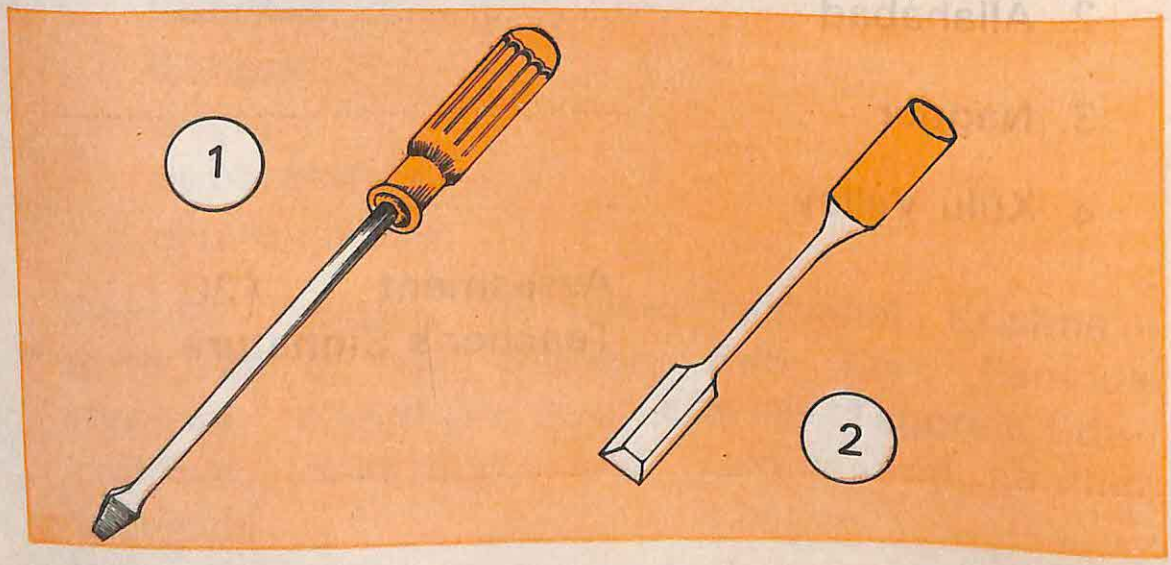
# MACHINE AGE OF TODAY

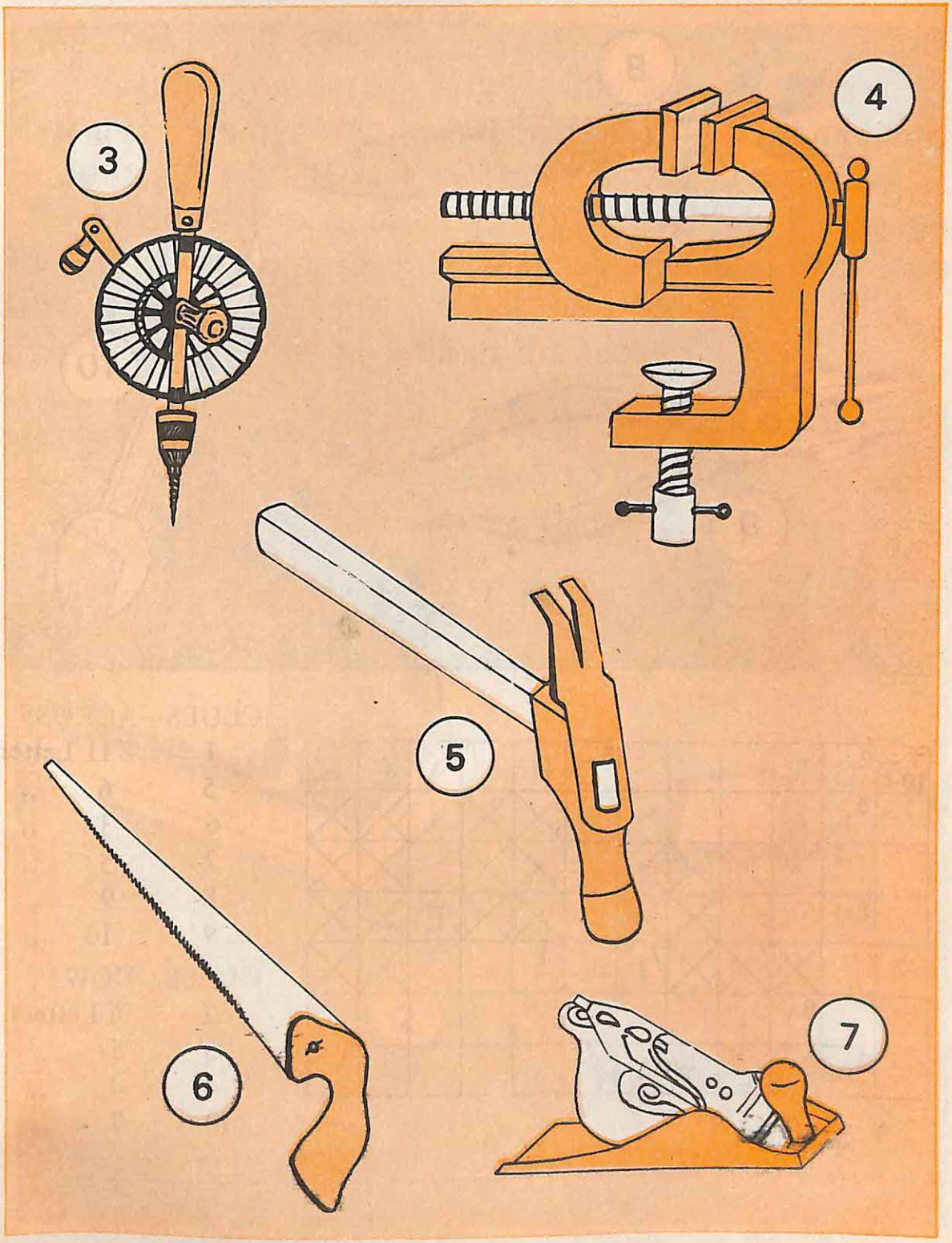
(Man has made his work easier by inventing all types of machines.

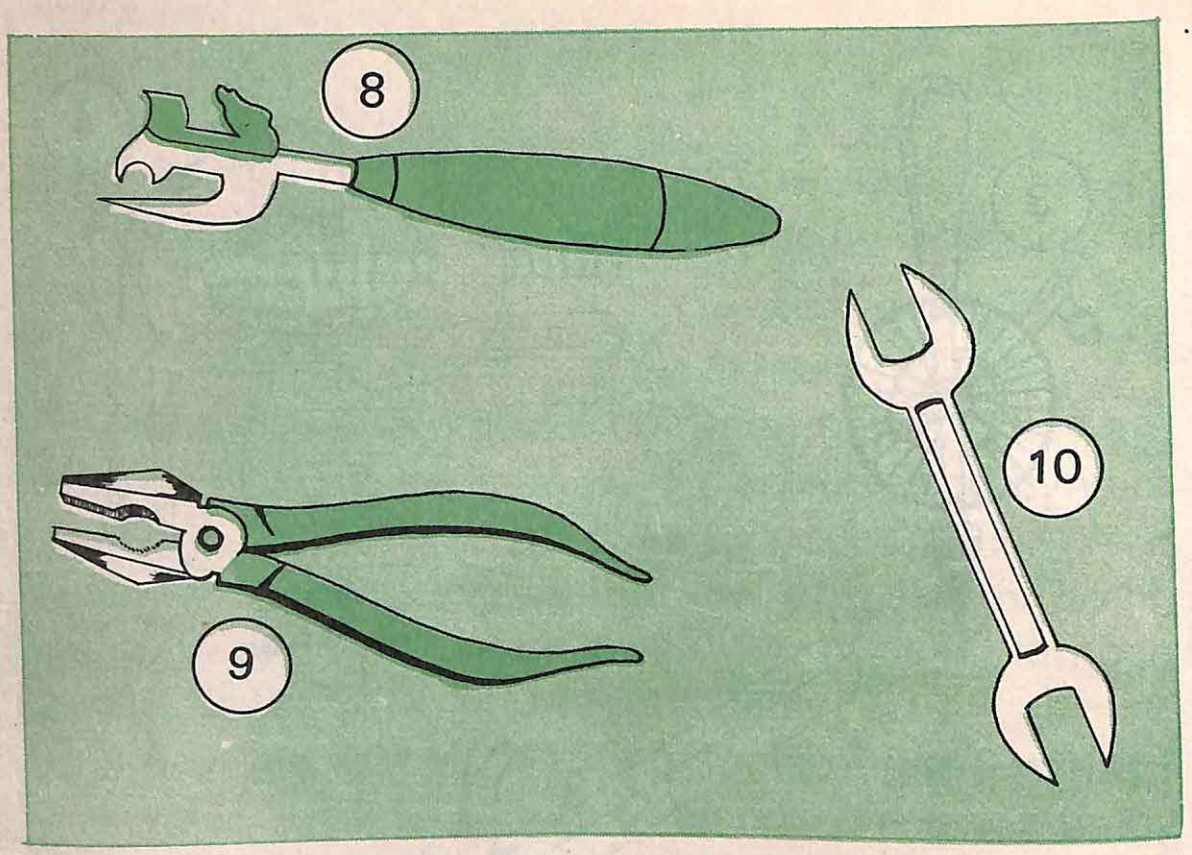
## A. SOME COMMON TOOLS

Below are given some common tools. They are found in most of the homes. Some are used by your Mummy, while others are used by your Daddy. Your Daddy may be using quite a few of these for doing odd jobs at home, as a carpenter, or as a plumber, or as an electrician, or as a mechanic.

Have you started learning some of these trades? It is self-help and dignity of labour. You will enjoy the fun in repairing a leaking tap for your Mummy or changing a flat wheel in your Daddy's car/scooter.




3
4
5
6
7




| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 10 S | 2 C | R | | | – | 3 D | R | | 4 V | E | R | |
| P | 5 H | A | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 6 S | | | | | | | | E | | | |
| | | | | | 7 P | L | | | | | | |
| | | 8 T | I | | – | | | | | | | |
| | 9 N | | | – | C | | | | | | | |

CLUES—ACROSS

| | | |
|---|---|---|
| 1 | 11 Letters | |
| 5 | 6 | ,, |
| 6 | 3 | ,, |
| 7 | 5 | ,, |
| 8 | 9 | ,. |
| 9 | 10 | ,, |

CLUES—DOWN

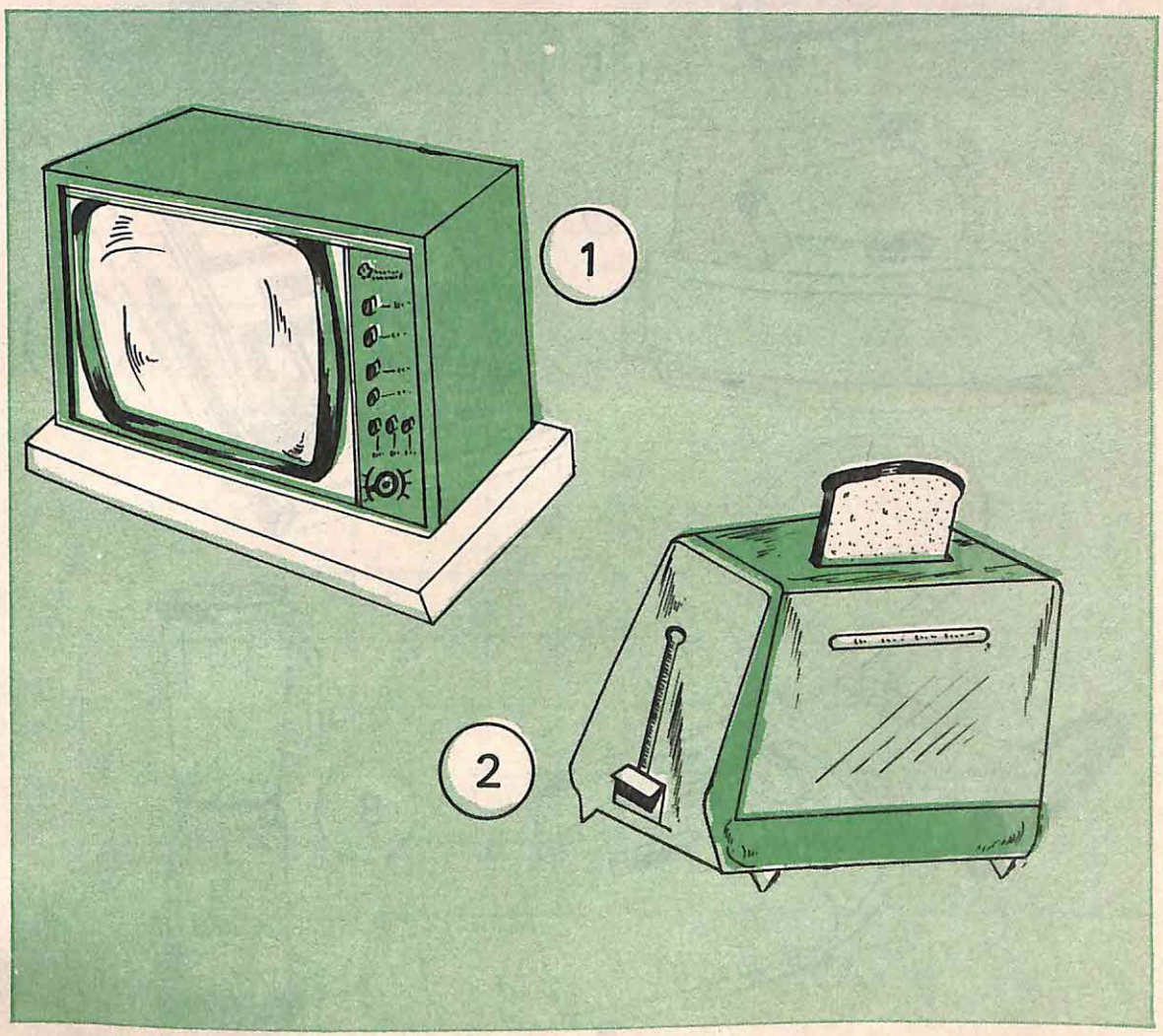
| | | |
|---|---|---|
| 2 | 6 Letters | |
| 3 | 5 | ,, |
| 4 | 4 | ,, |
| 10 | 7 | ,, |

## B. ELECTRIC GADGETS IN USE

( Today we are living in the age of electricity. Our task has become easier with the help of electric gadgets.

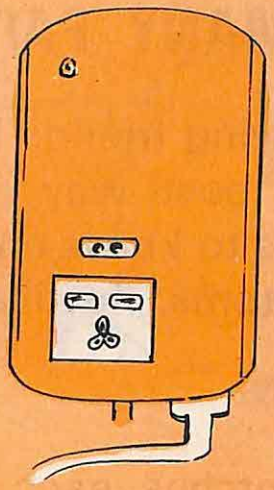
Most of the gadgets given below may be in use in your own home. Some of these are used in offices also. )

Identify these and fill in the blanks :

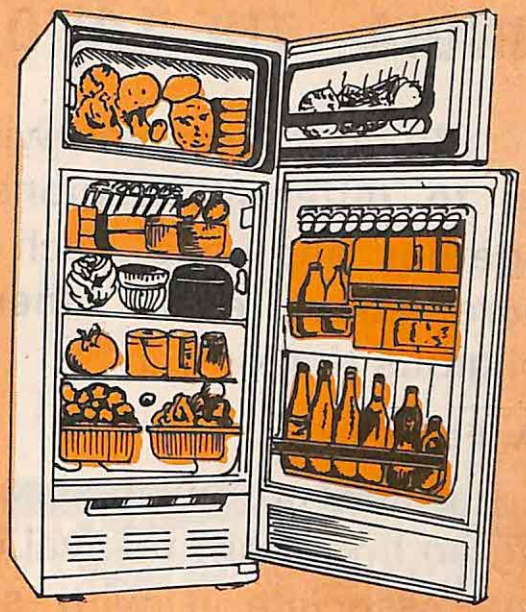


3
1234567890
Unisonic 1040
C
CE
EX
GPM
CM
RM
M-
M+
4
5
6
7
8

9



10



**Put correct number from the sketches.**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ◯ | M | I | | | | | | | | | | | | |
| ◯ | I | R | | | | | | | | | | | | |
| ◯ | T | O | A | | | | | | | | | | | |
| ◯ | T | E | L | | | | | | | | | | | |
| ◯ | C | A | L | | | | | | | | | | | |
| ◯ | T | R | A | | | | | | | | | | | |
| ◯ | R | E | F | | | | | | | T | | | | |
| ◯ | W | A | | | | - | H | E | A | | | | | |
| ◯ | V | A | C | | | | - | C | L | E | | | | |
| ◯ | C | A | S | S | | | | | - | P | L | A | | |

Assessment — /20

Teacher's Signature : _____

STEP 9

# INDIA—THE LAND OF MANY FAITHS

( In your class you will be having friends belonging to different religions. The best way to live together and love each other is to know more and more about each other's customs, festivals and religious thinking. )

**A. Festivals:**

Below are given six small sketches, each indicating an important festival of India. Identify the festival and associate it with some particular religion or region of India.

Festival.....

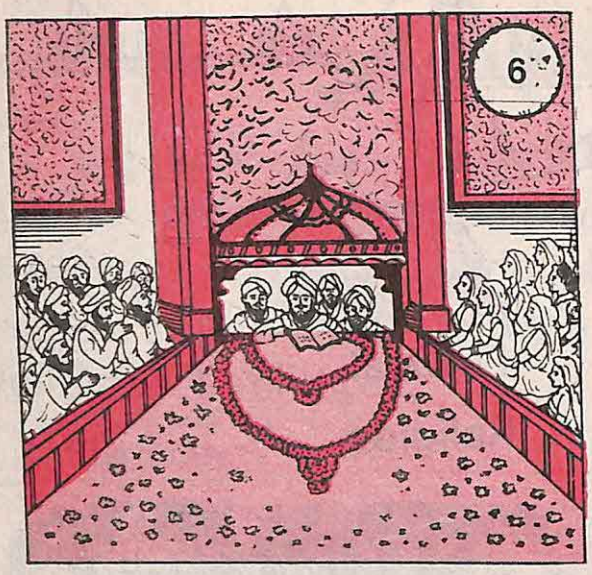
Religion.....

Festival.....

Religion.....

Festival.....

Religion.....



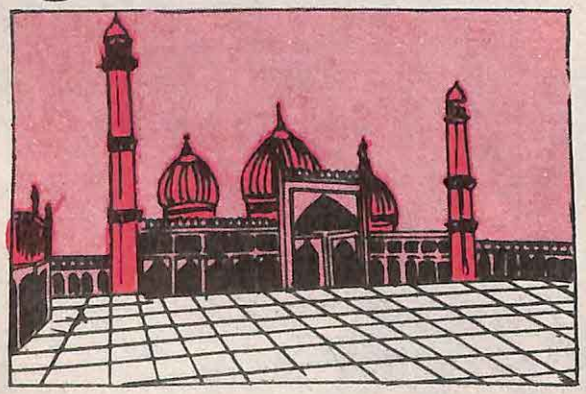

Festival .....

Religion .....

## B. PLACES OF WORSHIP

Below are given four places of worship. Study the sketches and fill in the blanks.

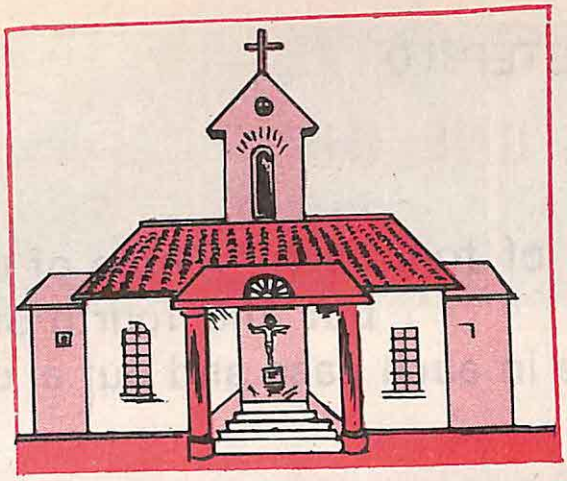
1



It is a .....

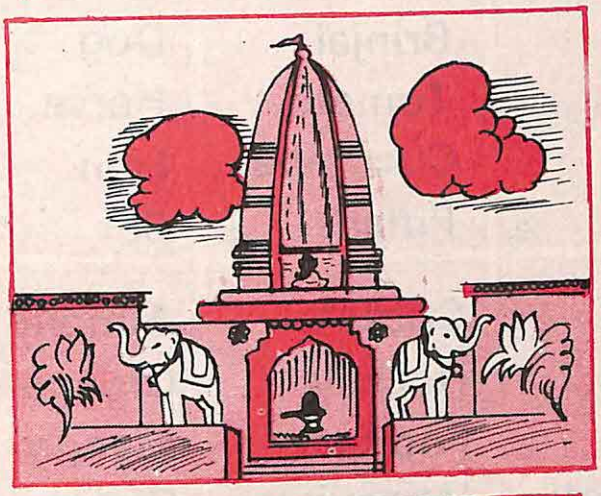
belonging to the .....

.....



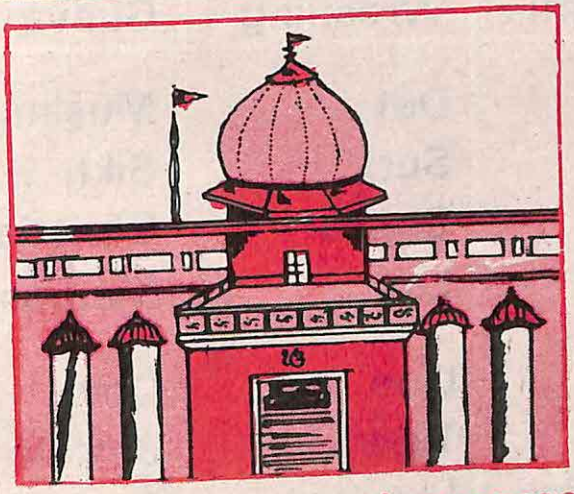
2

It is a.....
belonging to the.....
.....



3

It is a.....
belonging to the.....
.....



4

It is a.....
belonging to the.....
.....

Assessment— /20

Teacher's Signature:.....

STEP 10

# ODD ONE OUT

Here are groups of four each. Three of them belong to the same 'Family', but the fourth one is ODD: Identify the same in each case and put a cross X against it.

| | | | |
|---|---|---|---|
| Cashewnut<br>Walnut<br>Almond<br>Apple 1. | Turnip<br>Radish<br>Carrot<br>Tomato 2. | Brinjal<br>Tomato<br>Cucumber<br>Pulses 3. | Dog<br>Horse<br>Lion<br>Cat 4. |
| Honey<br>Milk<br>Cheese<br>Curd 5. | Binaca<br>Colgate<br>Burnol<br>Vajradanti 6. | Cricket<br>Hockey<br>Football<br>Wrestling 7. | Almond<br>Orange<br>Mango<br>Guava 8. |
| Coat<br>Shirt<br>Bushshirt<br>Shorts 9. | Cup<br>Spoon<br>Knife<br>Fork 10. | Det<br>Surf<br>Sujala<br>Lux 11. | Muslim<br>Sikh<br>Christian<br>Madrasi 12. |
| Gujarat<br>Haryana<br>Kerala<br>Nagpur 13. | Fiat<br>Vijaya<br>Ambassador<br>Standard 14. | Lion 15.<br>Tiger<br>Leopard<br>Chimpanzee | Cow 16.<br>Buffalo<br>Goat<br>Dog |

| 17. | 18. | 19. | 20. |
|---|---|---|---|
| Lux | Bombay | Rifle | Britannia |
| Hamam | Calcutta | Pistol | Monaco |
| Moti | Madras | Gun | Krackjack |
| Det | Delhi | Stick | Limca |

Assessment— /20

Teacher's Signature :.....

STEP 11

# THE ANIMAL WORLD

## A. VISIT TO A ZOO

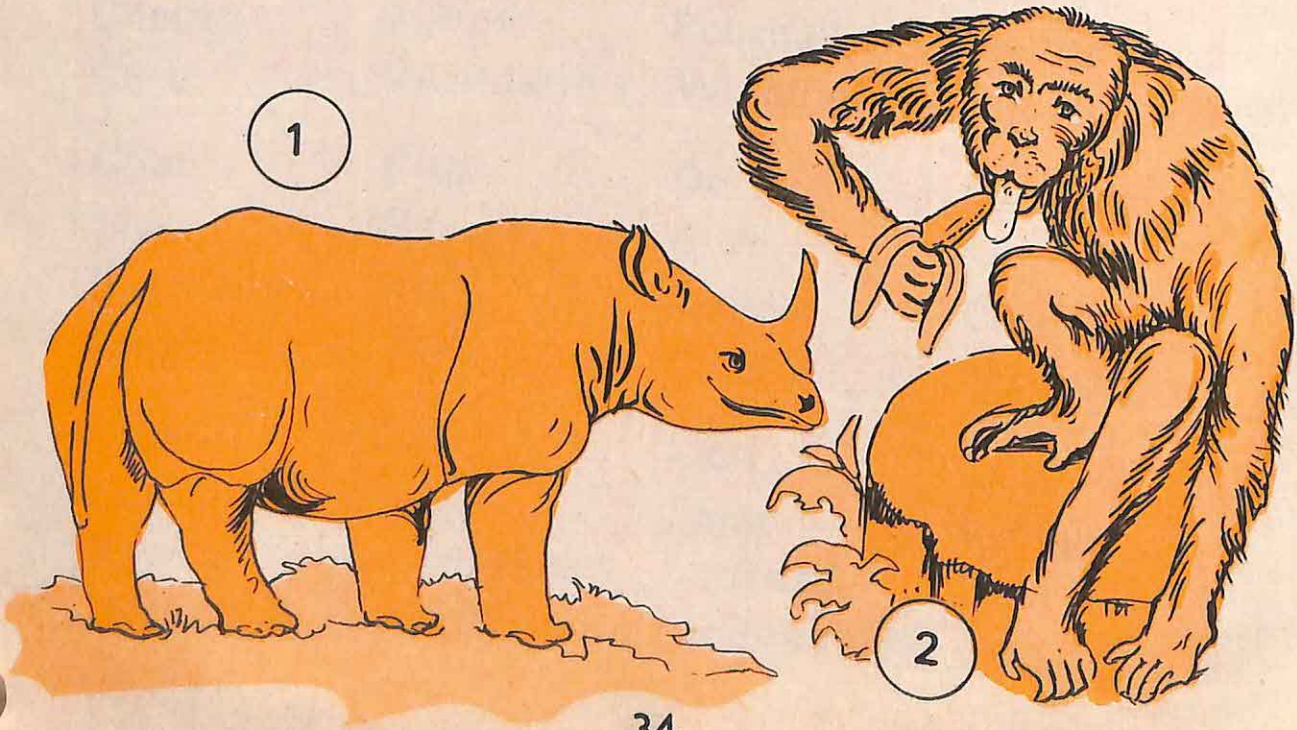
( We live on this earth in the midst of millions of different forms of life. After man, mammals are the highest form of animal.

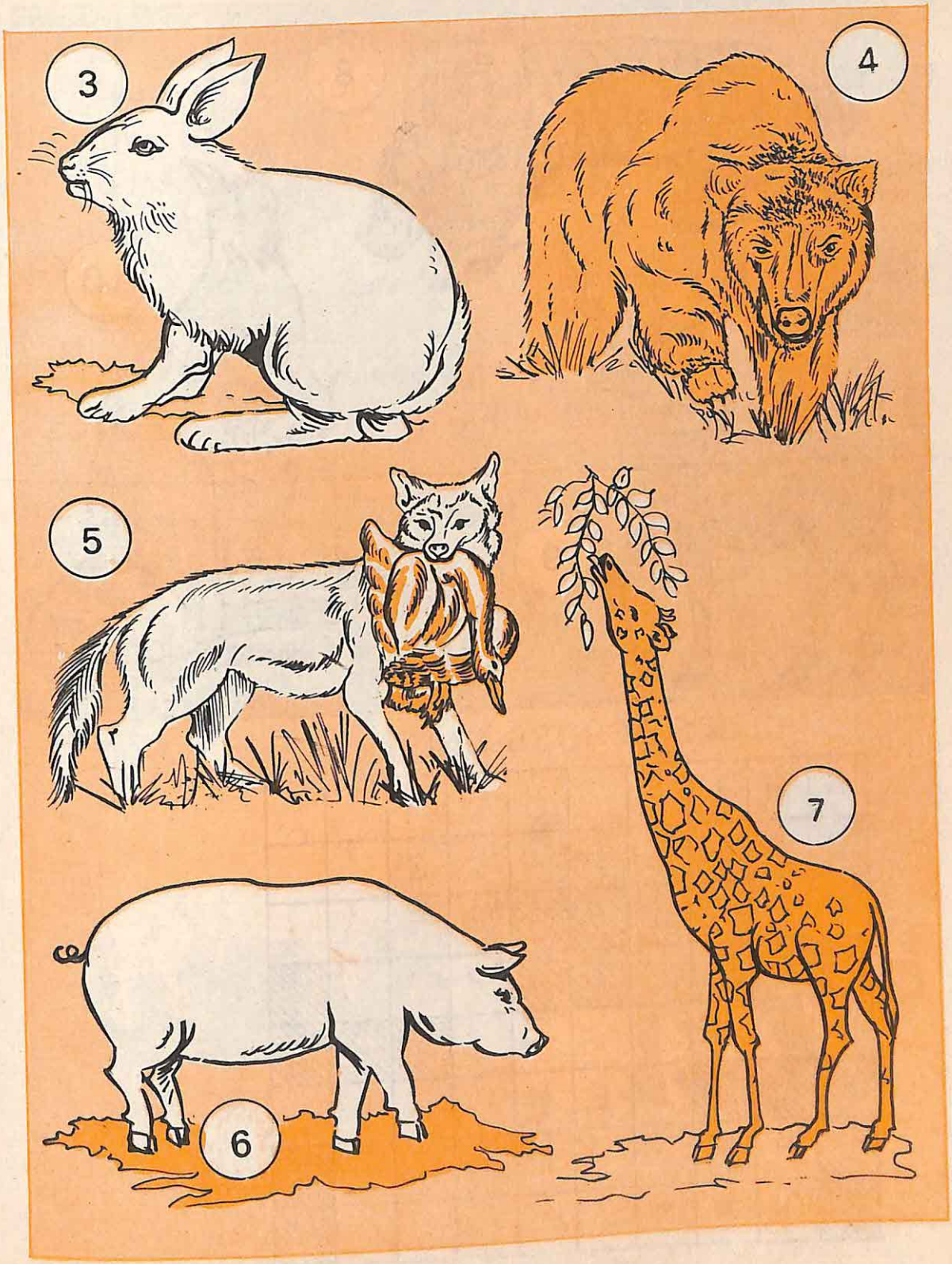
You are well familiar with certain common animals, such as dog, cat, horse, etc.

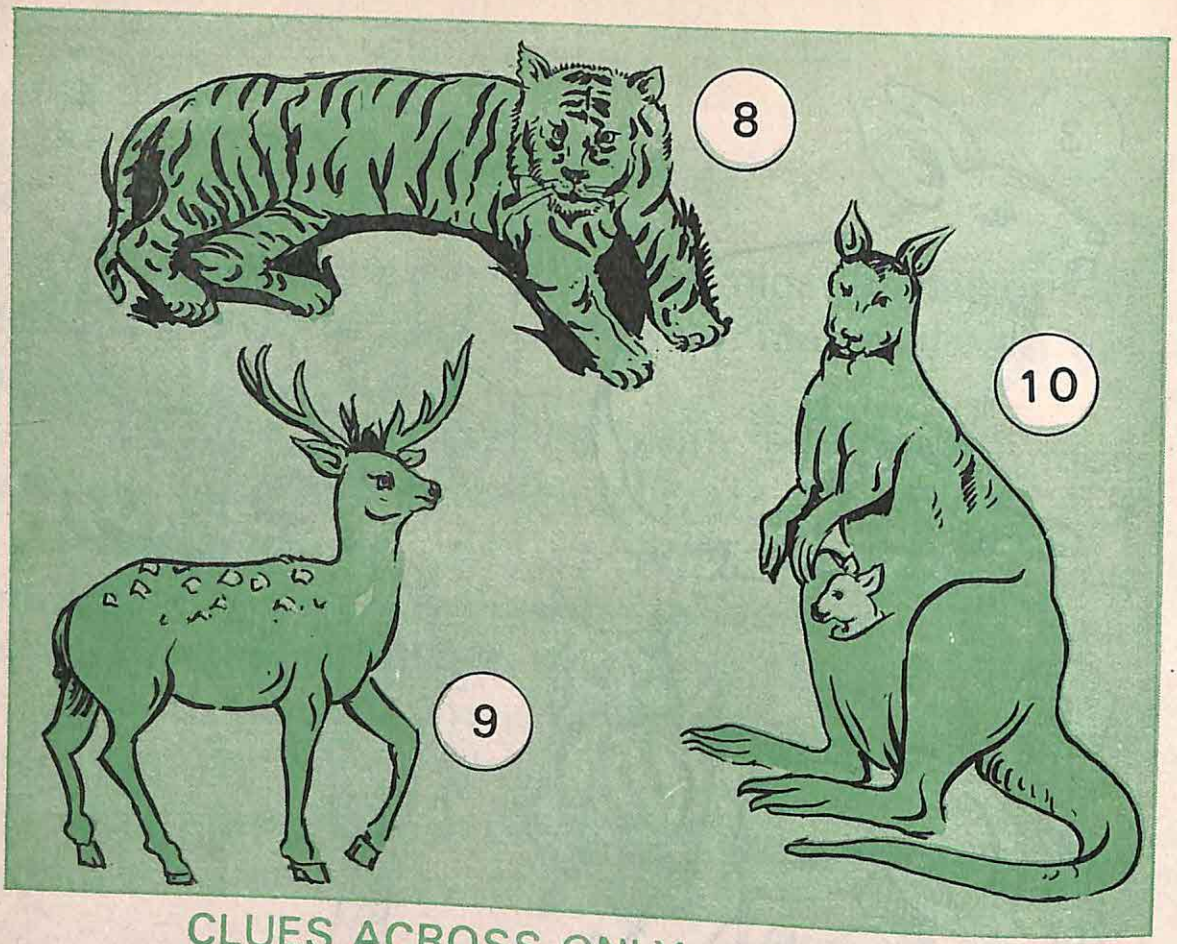
Here are sketches of certain animals whom you may have seen only in some zoo or looked up their pictures in some General Knowledge book.

Trv to identify them; if necessary, consult some books in your school library.)

Fill in the blanks in the crossword given below to complete their names:




3
4
5
6
7




## CLUES ACROSS ONLY

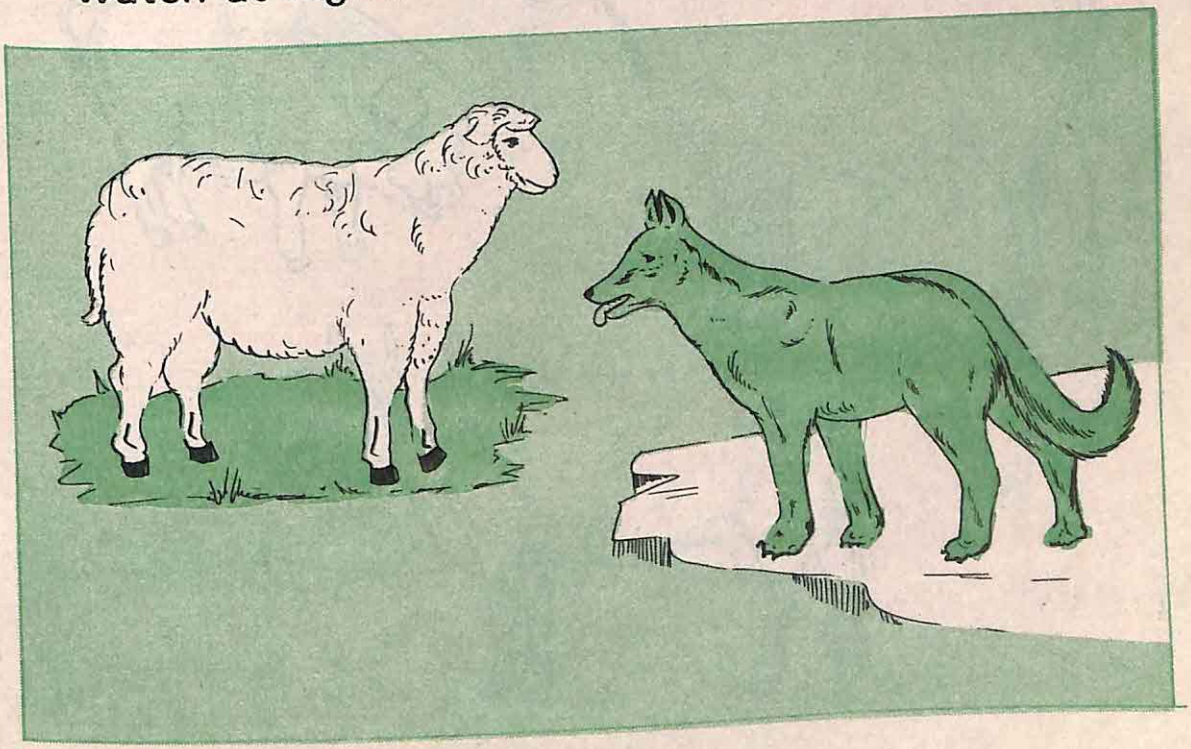
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 R | H | I | | | | | R | | |
| 2 C | H | I | | | | | Z | | |
| 3 H | A | | | | | 4 B | E | | |
| | 5 F | | | | | 6 P | | | |
| 7 G | I | R | | | | | | | |
| | | | 8 L | E | O | | | | |
| | 9 R | E | | | D | | | | |
| | 10 K | A | N | | | | | | |

## B. HOW DO THESE ANIMALS SERVE US ?

Man has domesticated a large number of animals. Today he uses them in a variety of ways.

Below are given sketches of certain animals. Fill in the blanks in the sentences given below :

1. The ..... carries us from place to place over long distances.
2. The ..... lays eggs which we use for breakfast.
3. The Indian farmer ploughs his field with a pair of .....
4. The ..... gives us wool which we use for making blankets.
5. The ..... is a very faithful animal and keeps watch at night.



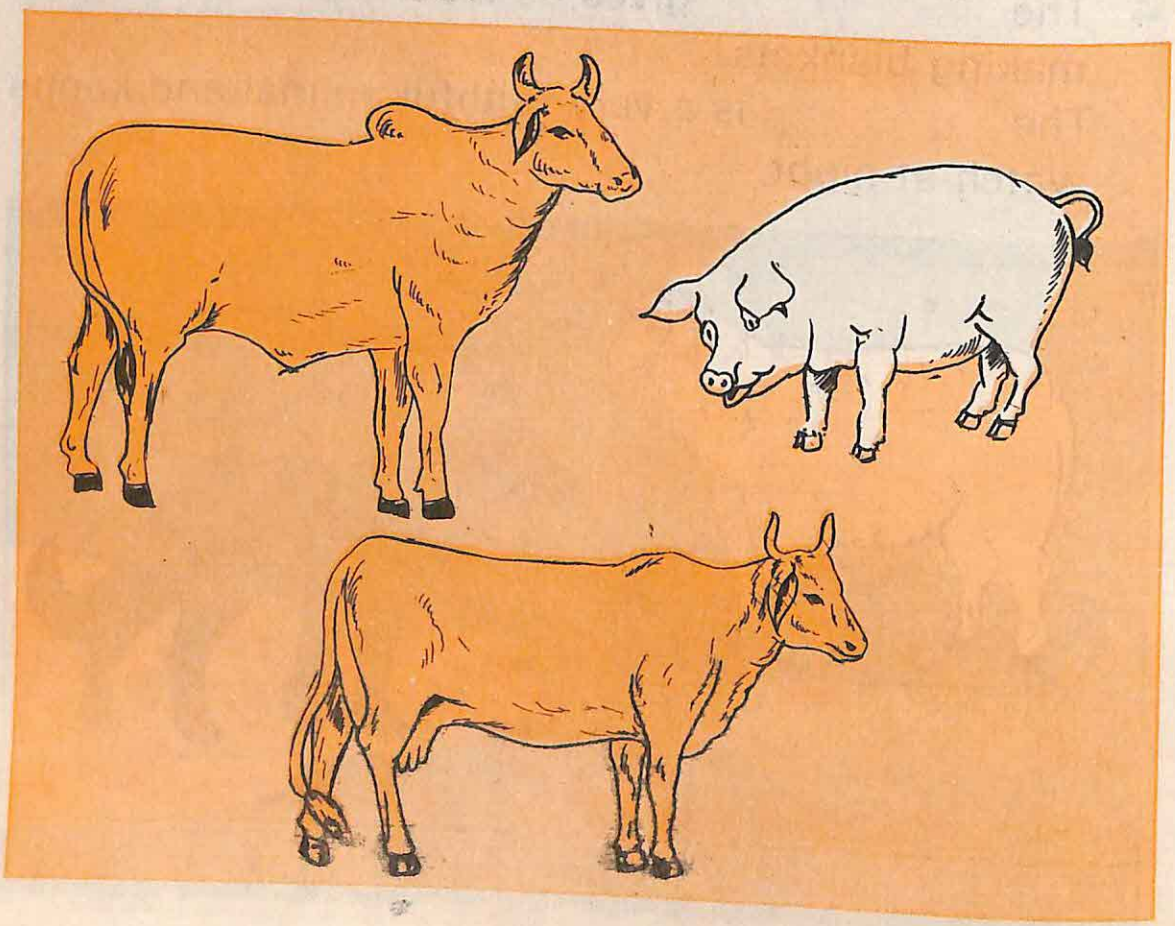
6. The Haryana ..... is very healthy and gives large quantities of milk. A he- ..... is used to pull a cart.

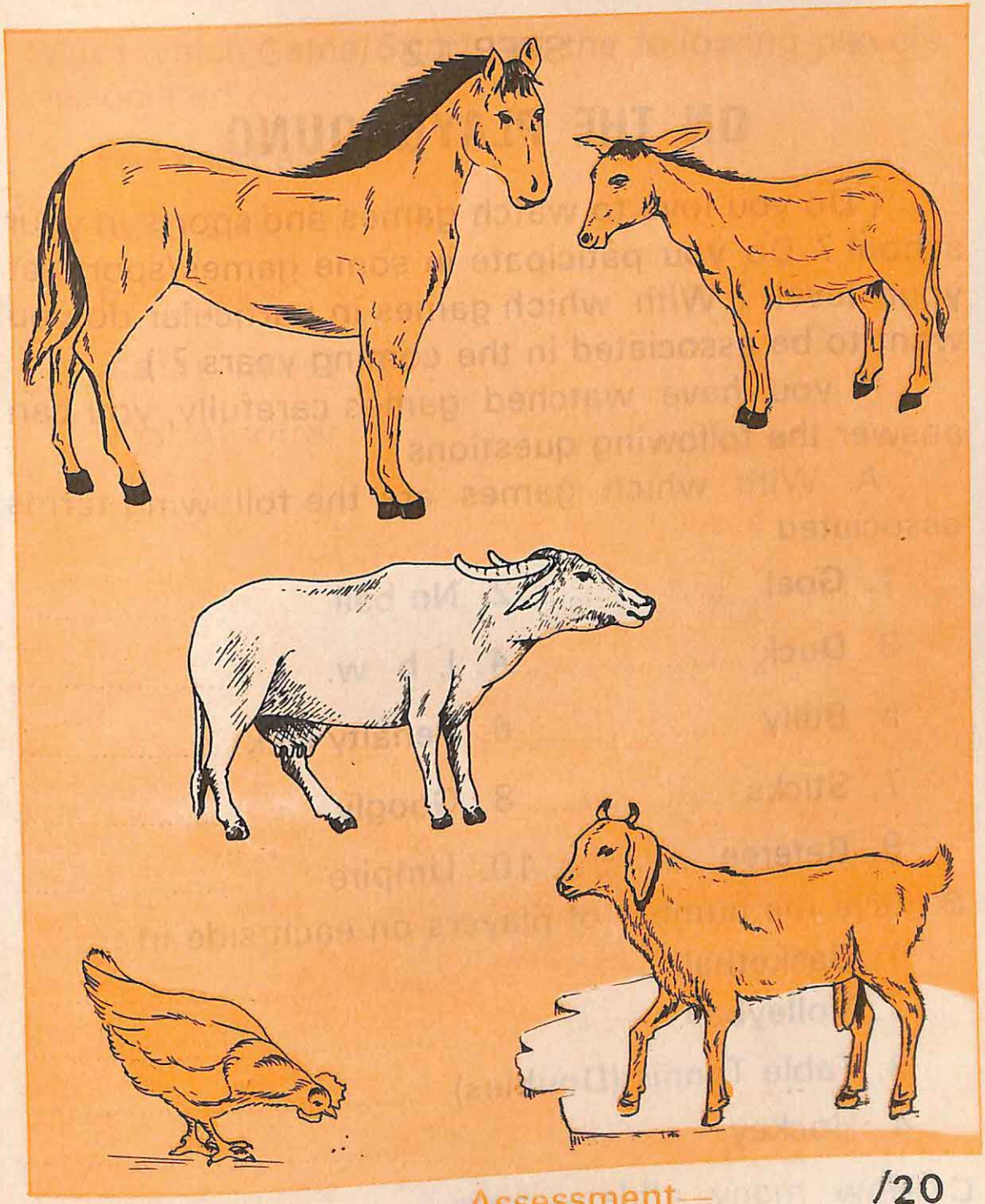
7. A ..... gives us milk and her calf ploughs fields for the farmer.

8. The ..... is used to carry heavy loads from place to place.

9. We get ham and pork from a .....

10. ..... 's milk is said to be lighter than that of a cow and cow's milk is said to be lighter than that of a buffalo.





Assessment— /20

Teacher's Signature :

STEP 12

# ON THE PLAYGROUND

( Do you love to watch games and sports in your school ? Do you paticipate in some games/sports at your level ? With which games in particular do you want to be associated in the coming years ? )

If you have watched games carefully, you can answer the following questions :

A. With which games are the following terms associated ?

1. Goal ..... 2. No ball .....
3. Duck ..... 4. l. b. w. .....
5. Bully ..... 6. Penalty kick .....
7. Sticks ..... 8. Googly .....
9. Referee ..... 10. Umpire .....

B. Give the number of players on each side in :

1. Basketball .....
2. Volleyball .....
3. Table Tennis (Doubles) .....
4. Hockey .....

C. How many athletes form each team in the Relay Race ?.....

D. With which Game/Sport are the following players associated ?

1. Prakash Padukone .....
2. Kapil Dev .....
3. P.T. Usha .....
4. Zafar Iqbal .....
5. Vijai Amritraj .....

Assessment — /20

Teacher's Signature :.....

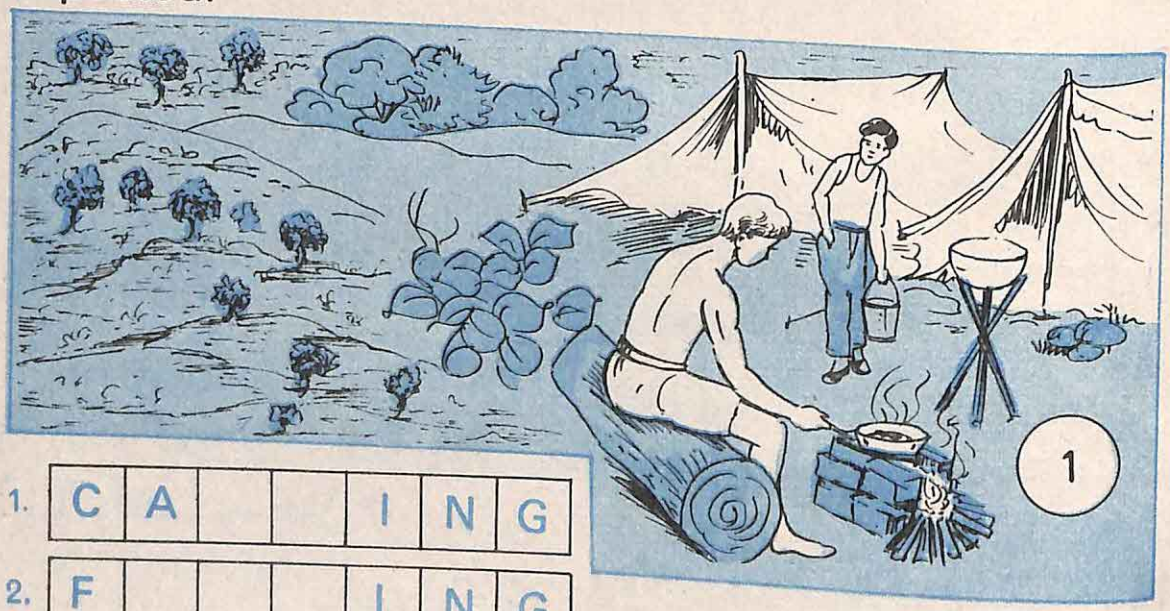
STEP 13

# HOBBIES AND RECREATIONS

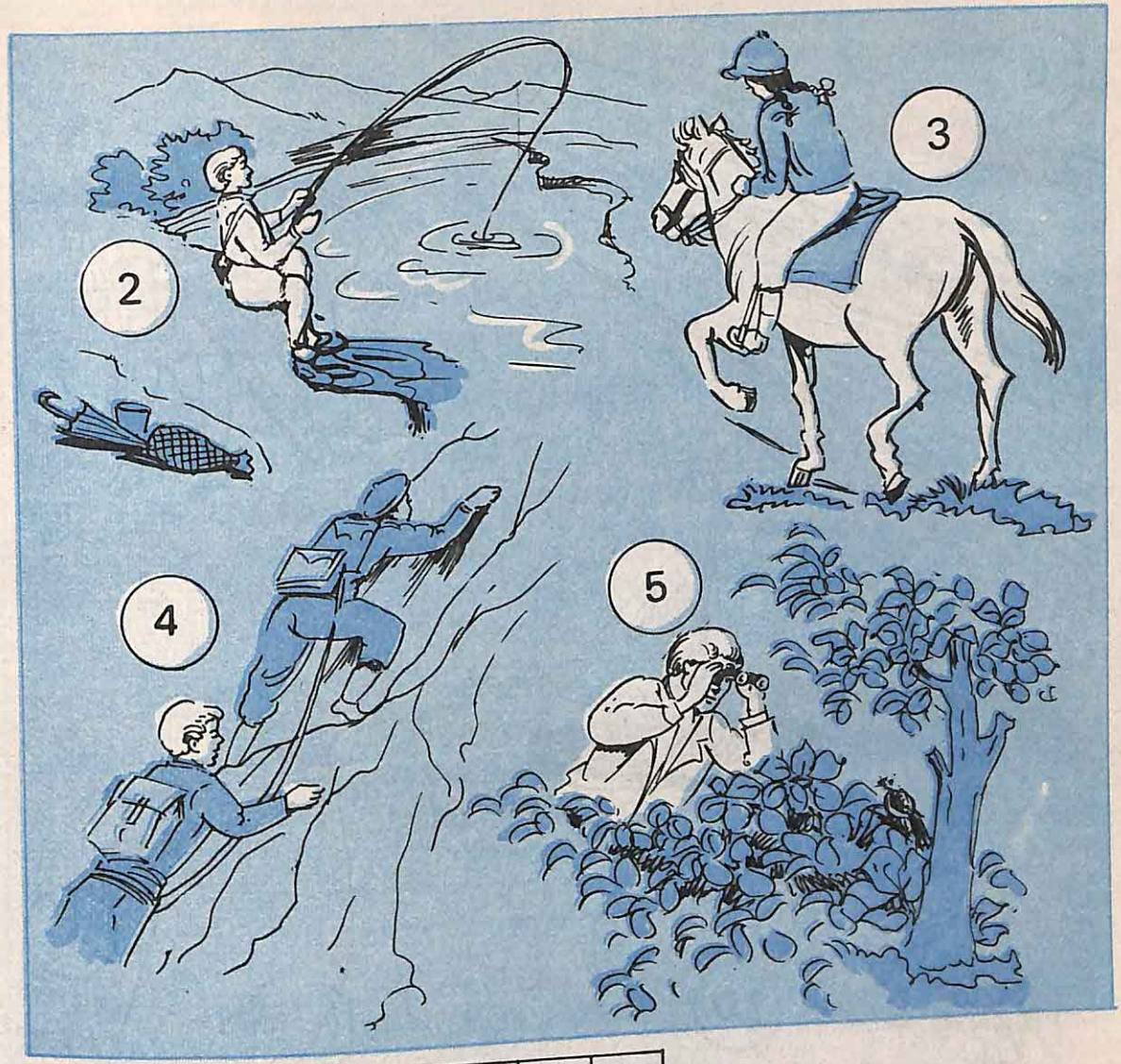
## A. OPEN-AIR PASTIMES

(Every young boy and girl should have some OPEN-AIR PASTIME to suit his tastes and temperament. Some cost very little, while others are fairly expensive. Some require special training.)

Below are given some sketches, illustrating some pastimes. Use your imagination to indicate what pastimes these represent. Single-word captions are expected.




1. C A _ _ I N G
2. F _ _ _ I N G
3. H O _ _ _ - R _ _ I N G
4. R O _ _ - C L _ _ _ I N G
5. B _ _ _ - W A _ _ _ I N G



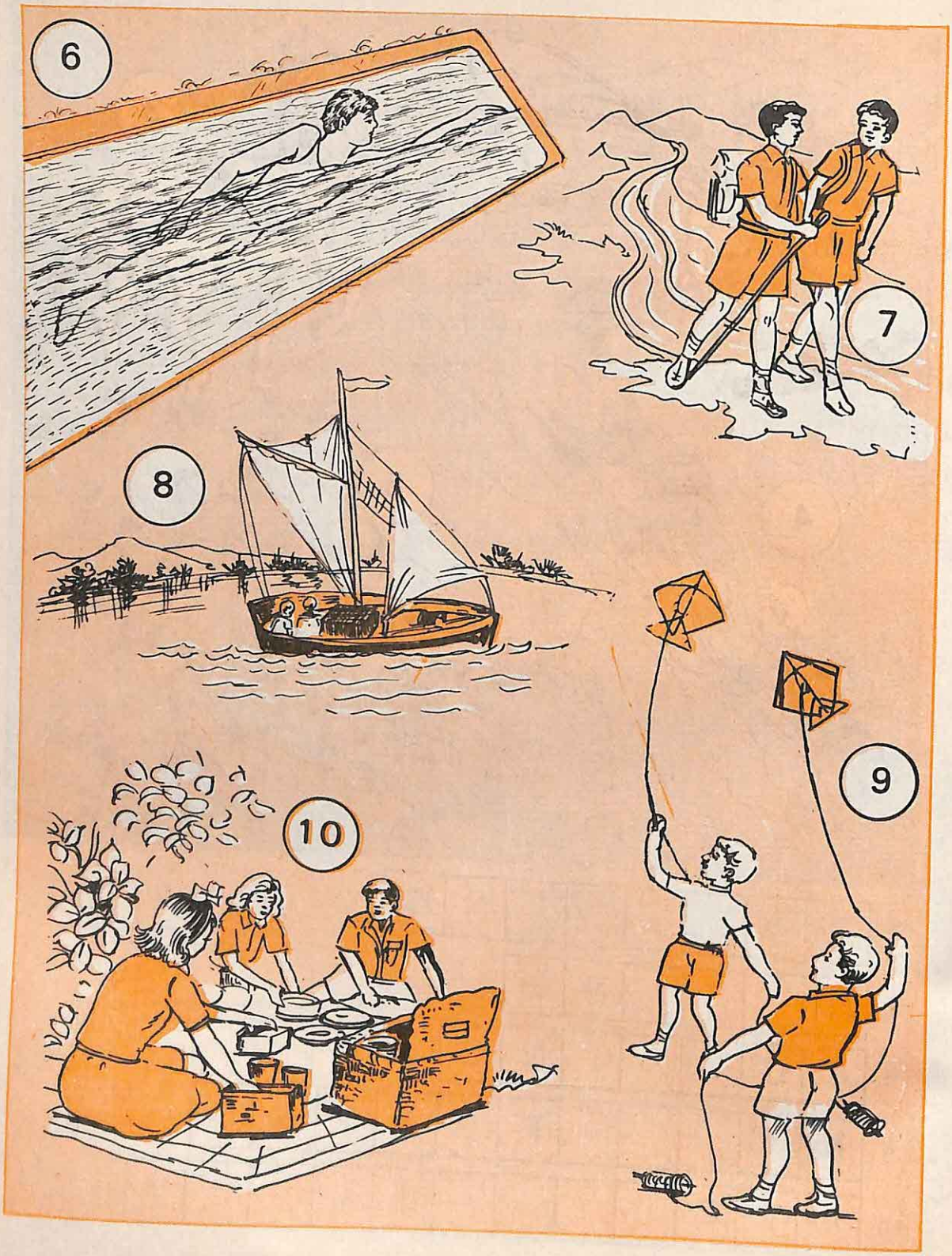

6. S W _ _ _ I N G

7. H _ _ I N G

8. B O _ _ I N G

9. K I _ _ – F L _ I N G

10. P I C _ _ _ – P A _ _ Y


6
7
8
9
10

## B. YOUR SPARE-TIME HOBBIES

( You have plenty of spare time, if you think of it seriously. Are you utilising it properly ?

It is so satisfying to have a hobby. It protects you from unhealthy thinking/actions and helps you in your all-round development.)

Below are given small sketches, each illustrating a hobby. Use your imagination and observation power and identify these with one-word captions.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| F | | | | | - | | | |

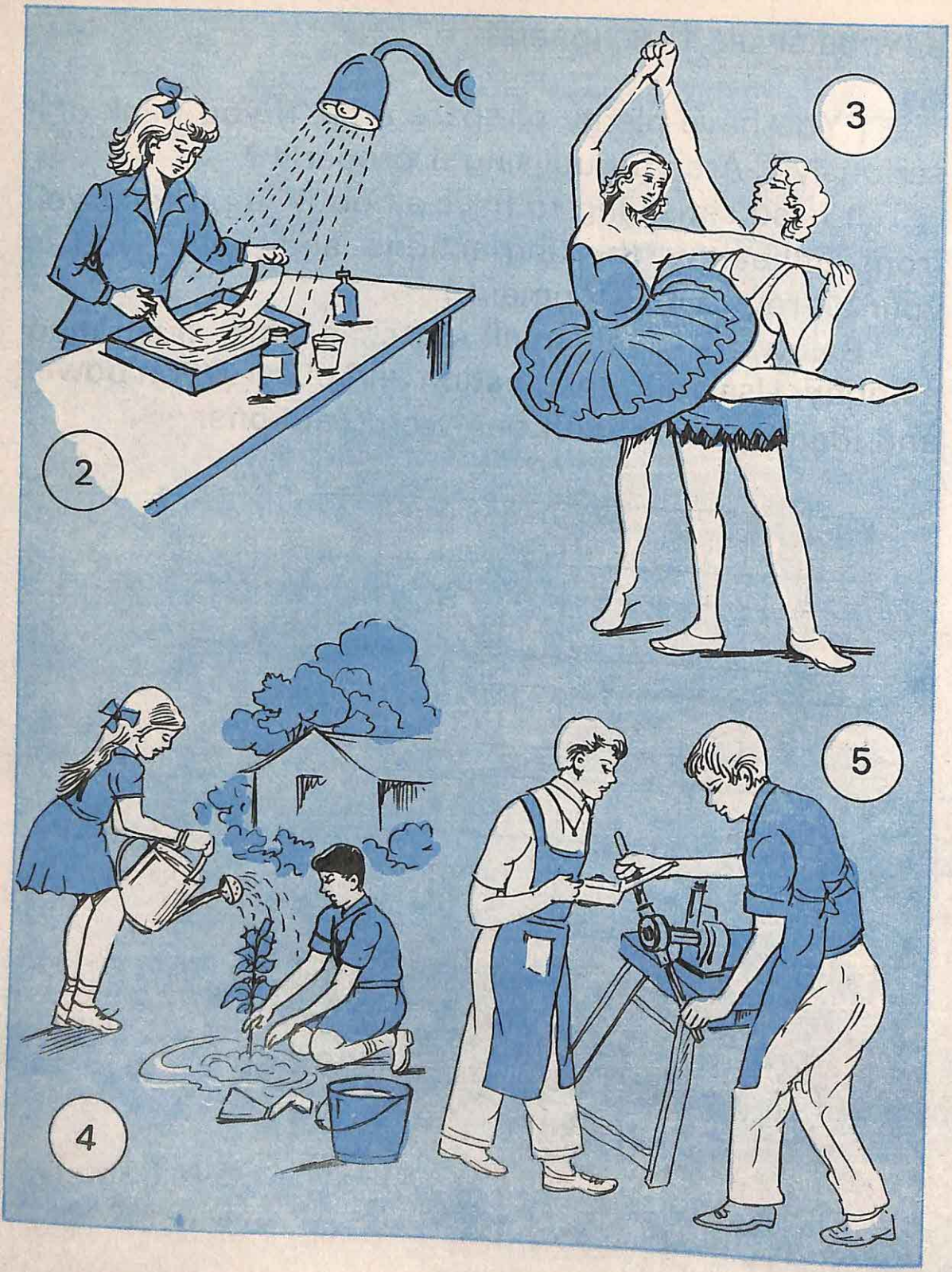
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P | H | | | | G | | | | Y |

| | | | | | | |
|---|---|---|---|---|---|---|
| D | A | | | I | N | G |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| G | A | | | | | I | N | G |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W | O | | | - | S | | | |

1


2
3
4
5

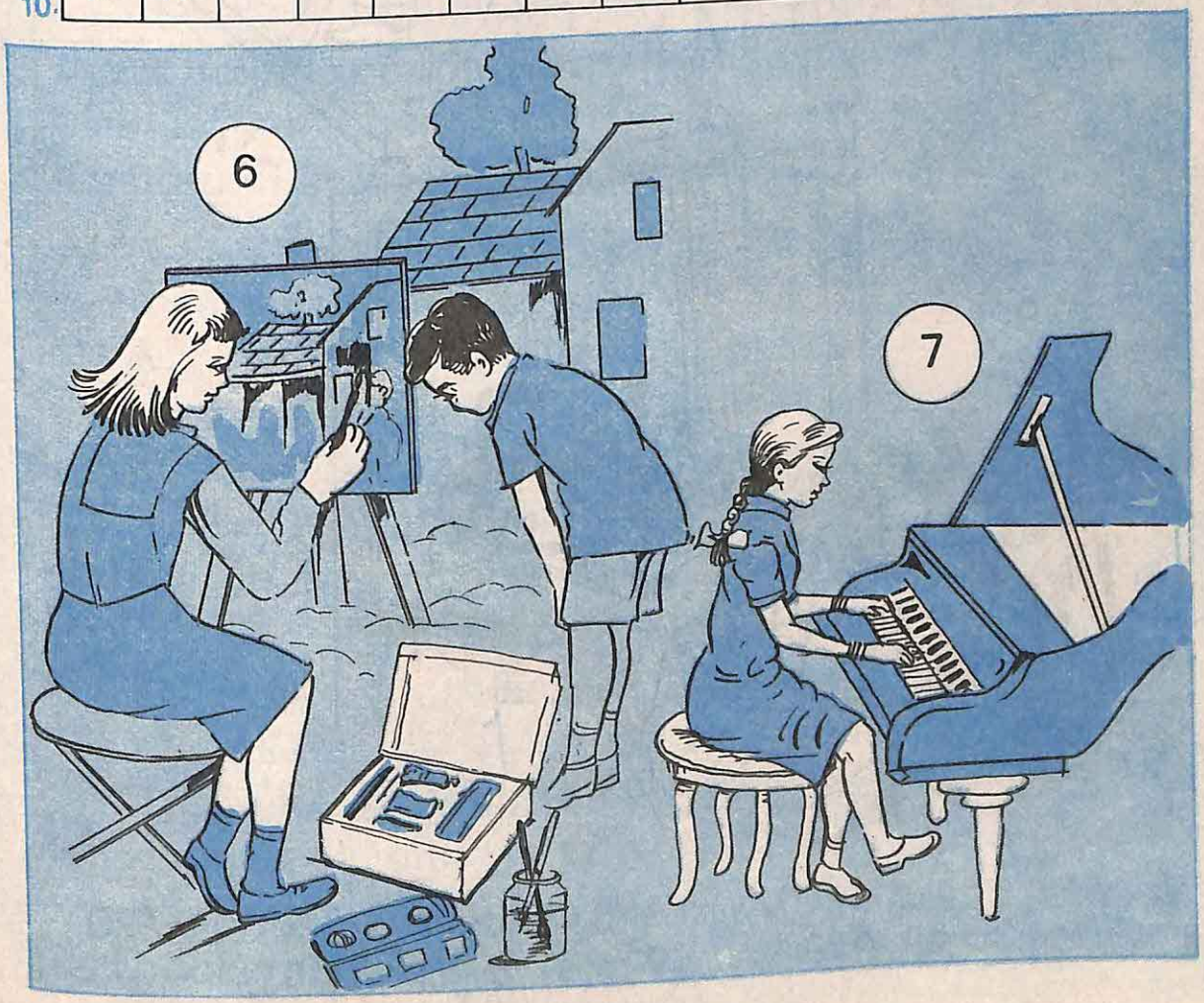
6. P A _ _ _ I N G

7. M U _ _ _

8. D R _ _ _ - M A _ I N G

9. M A _ _ _ - S _ _ _

10. B R _ _ _ C _ _ _ I N G



Assessment— /20

Teacher's Signature.....

STEP 14

# ANIMAL WORLD—ADAPTATION TO STRANGE WAYS OF LIFE

(There are so many kinds of animals with different ways of living. Nature has been kind to them by giving them suitable structure to fit in with their food habits and general mode of living.)

Study the following statements and find out from the jumbled group of sketches/illustrations in support of these statements. Write down the number of the illustration against appropriate description.

1. A.....with curved teeth can eat meat easily. ◯
2. A.....with long curved sharp teeth can easily pierce through flesh of its prey and tear it. ◯
3. A.....with its typical beak can live on caterpillars. ◯
4. A.....with broad and flat teeth can chew grass easily. It is not a meat-eater. ◯
5. An..... swoops over its prey, catches it with its powerful claws and later tears its flesh with its hooked beak. ◯

6. A ..... can easily catch insects with its long tongue.
7. A ..... walks on land and flies a little; it can also swim conveniently in water with its webbed feet.
8. A ..... can walk on land and can fly a little in air but it cannot swim in water, as its feet are not webbed.
9. An ..... is a very heavy flightless bird. It can run fast with padded feet.
10. An ..... has no claws(why?) but it has a long trunk with which it can pluck leaves from trees.
11. A ..... can hop on land; it can also swim because its feet are webbed.
12. A ..... has strong legs and hard hoofs; it can run fast on hard ground.
13. A ..... is a meat-eating animal. It has sharp teeth as well as sharp claws.
14. A ..... can swim well in water with the help of its fins.
15. A ..... sucks nectar from the flowers with its long tongue.

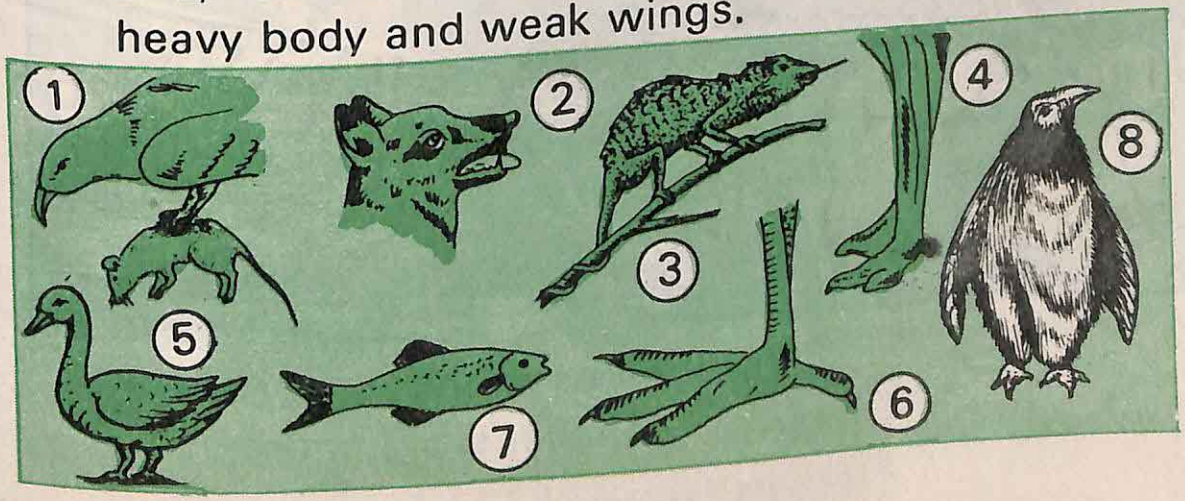
16. A ..... wades through shallow water with its long legs, and catches fish with its long beak and long neck.

17. A ..... with its long fingers, on hands and feet, can easily grasp rocks and branches of trees, while hopping from place to place and from branch to branch.

18. A ..... can catch its prey in the dark of night because she can adjust the pupils of her eyes.

19. A ..... changes colour to match the environments.

20. Certain birds with light bodies and powerful wings migrate from the Arctic to South America in winter. But a ....., though a bird, cannot fly because of a heavy body and weak wings.



Assessment — /20

Teacher's Signature.....

STEP 15

# LITTLE TIT BITS ON HEALTH AND HYGIENE

Why should you fall ill if you follow the basic principles of health and hygiene ?

In times of emergency you should be prepared to do something till the expert advice of a doctor is obtained.

Such basic knowledge of the principles of Health and Hygiene should prove useful to you.

1. Why do you prefer to breathe in fresh air ? .....
.....

2. Why do you prefer using a mosquito net rather than let the mosquitoes hum a sweet tune all the night near your ears ? .....
.....
.....

3. Your brother has running nose and watery eyes; at times he coughs badly. What precaution will you like to take to save yourself from getting similar ailment ? .....
.....
.....
.....

4. Your milkman mixes dirty water from a pond with your milk. What disease can you get by consuming such milk ? .....
.....
.....

5. You buy sweets from a shop; these are kept in an open almirah and flies are hovering around. What ailment can you earn in this bargain ?

6. A family of six members sleeps in a small closed room one winter night and keeps a charcoal angithi burning all night. What tragedy should you expect by the morning?

7. A small child is drowned in a pond. Some people rush forth and take him out but he does not seem to be breathing. What help can you render in such an emergency before doctor's arrival ?

8 A young boy, while playing hockey, suddenly slips and finds it difficult to get up. He feels lot of pain round about his right ankle and there is some swelling. What help can you give him before taking him to doctor ?

9 Why is a child, having severe cold and cough, advised to keep a handkerchief close to his mouth, while coughing or sneezing ?

10. Why does your mother like to wash vegetables and fruits bought from the market in a light solution of potassium permanganate ? .....

11. Your sister is wearing a nylon saree. Suddenly her saree catches fire. She runs about. What advice will you give her ? .....

12. Your mother is cooking food over a kerosene stove. All of a sudden it tumbles down and kerosene catches fire. What would you use to extinguish fire — water, earth or a blanket ? .....

13. In case your sister's clothes catch fire, how would you extinguish fire— by throwing water, or earth or by covering her with a blanket ? .....

14. Your younger brother is having rapid decay of teeth. Can you guess the reason ? .....

15. Which of the following can be used profitably in the following cases ?

Dettol, Burnol, Aspro, Vit. C, Amritanjan and Gargling with Saline Water. .....

a. Your sister has burnt her fingers while cooking. .....

b. Your servant has cut his finger badly while cutting vegetables.

.....

.....

.....

c. Your mother is having very severe headache.

.....

.....

.....

d. She wants something to rub on her forehead to give her cooling effect.

.....

.....

.....

e. You are having a running nose and watery eyes.

.....

.....

.....

f. Your sister is having sore throat and has lost her voice.

.....

.....

.....

Assessment /20

Teacher's Signature: .....

STEP 16

# YOUR NEIGHBOURHOOD

We are towards the end of the term. During all these months your town has been 'THE WORLD AROUND YOU'. We are sure you have gained adequate knowledge about things around you. Before we move to the bigger world, we expect you to answer the following questions about the 'Little World Around You'.

1. How far is the nearest post office from your house ? ..... Km.
2. How far is the railway station from your house ? ..... Km.
3. How far is the nearest hospital from your house ? ..... Km.
4. How far is the nearest police station from your house ? ..... Km.
5. How far is the Municipal Corporation/Board building from your house ? ..... Km.

6. How far is the main hospital from your house ? .....Km.

7. Name the central sports ground. .....

8. Name the biggest market of your town. .....

9. Which is the best college of your town ? .....

10. Name the Engineering College of your town, if you have one. .....

11. Name the Medical College of your town, if you have one. .....

12. Name the most neatly-kept park of your town, used as a picnic spot. .....

13. If a river runs by your town, name the same. .....

14. Name a cottage industry for which your town is known. .....

15. If there is a big factory in your town, state what it produces. .....

16. Give the name of the most eminent man of your town. .....

17. Name a historical monument of your town, if you have one. .....

18. Name any well-known cultural centre of your town. .....

19. Name two senior-most officials who are responsible for maintenance of law and order in the town during any disturbances :

(a) Officer who is over-all in charge of law and order : .....

(b) Officer who is in-charge of the police .....

Assessment— /20

Teacher's Signature :

# ANSWERS

**Steps 1 and 2 : Your Home and Your School**

Each student may answer these questions in his own way.

**Step 3 : Articles of Common Domestic Use : Trade Names :**

1. Biscuits, Bread
2. Butter
3. Toothpaste
4. Chocolate
5. Washing powder
6. Television
7. Biscuits
8. Tea
9. Cleansing powder
10. Tea
11. Refrigerator
12. Face cream
13. Toilet soap
14. Toothpaste
15. Malt milk
16. Biscuits
17. Radio, Tape recorder
18. Biscuits
19. Shoes
20. Face powder, Lipstick
21. Washing powder
22. Germicidal antiseptic
23. Washing powder
24. Soap
25. Face cream

**Step 4 : To Market : To Market :**

(Prices are approximate. Students are advised to find out current prices from the market.)

1. Rs 3.00
2. Re 0.80
3. Re 0.75
4. Rs 10.50
5. Rs 9.00
6. Rs 4.00
7. Rs 2.75
8. Rs 3.00
9. Rs 25.00
10. Rs 2.00
11. Re 1.60
12. Rs 20.00
13. Rs 2.50
14. Rs 1.75
15. Rs 2.25
16. Rs 8.00
17. Rs 2.00
18. Re 2.00
19. Re 0.60
20. Rs 5.00

**Step 5 : Visit to a park :**

**A. Bird Life :**

1. Vulture
2. Duck
3. Ostrich
4. Pigeon
5. Kite
6. Wood-pecker
7. Parrot
8. Sparrow
9. Blue-jay
10. King-fisher

**B. World of Flowers :**

1. Zinnia
2. Rose
3. Poppy
4. Canna
5. Champa
6. Lotus
7. Tulip
8. Pansy
9. Gladiola
10. Dahlia

**Step 6 : Torch Bearers of India's Freedom :**

1. Subhash Chandra Bose
2. Mahatma Gandhi
3. Balgangadhar Tilak
4. Jawaharlal Nehru
5. Lala Lajpat Rai
6. Sarojini Naidu
7. Vallabhbhai Patel
8. Rabindranath Tagore
9. Khan Abdul Ghaffar Khan
10. Dadabhai Naoroji

**Step 7 : Visit to Some Well-known Indian Towns :**

A. 1. Dal Lake
2. Golden Temple
3. Taj Mahal
4. Red Fort
5. Lord Krishna's Birth Place
6. Famous Harbour
7. Textile and Leather Factories
8. Hill Station
9. Gandhiji's First Ashram
10. Tagore's Educational Institution

B. 1. Residence of Pandit Motilal Nehru (Allahabad)
2. Mother Teresa's Home for the Uncared (Calcutta)
3. Park associated with Jawaharlal Nehru (New Delhi)
4. Mahatma Gandhi's Samadhi (New Delhi)
5. Park associated with Lalbahadur Shastri (New Delhi)
6. Parliament House (New Delhi)

C. 1. Mangoes 2. Guavas 3. Oranges 4. Apples

## Step 8 : Machine Age of today :

### A. Some Common Tools :

1. Screw driver 2. Chisel 3. Drill 4. Vice 5. Hammer
6. Saw 7. Plane 8. Tin-opener 9. Nut-cracker 10. Spanner

### B. Electric Gadgets in Use :

1. Television 2. Toaster 3. Calculator 4. Transistor
5. Iron 6. Cassette-player 7. Vacuum-cleaner 8. Mixi
9. Water-heater 10. Refrigerator

## Step 9 : India — the Land of Many Faiths :

A. 1. Dussehra — Hindus 2. Holi — Hindus 3. Dewali — Hindus
4. Id — Muslims 5. Christmas — Christians 6. Gurunanak's Birthday—Sikhs

B. 1. Mosque — Muslims 2. Church — Christians
3. Temple — Hindus 4. Gurudwara — Sikhs.

## Step 10 : Odd One Out :

1. Apple 2. Tomato 3. Beans 4. Lion 5. Honey
6. Burnol 7. Wrestling 8. Almond 9. Shorts 10. Cup
11. Lux 12. Madrasi 13. Nagpur 14. Vijaya 15. Chimpanzee
16. Dog 17. Det 18. Delhi 19. Stick 20. Limca

## Step 11 : Animal World :

### A. Visit to a Zoo :

1. Rhinoceros 2. Chimpanzee 3. Hare 4. Bear 5. Fox
6. Pig 7. Giraffe 8. Leopard 9. Reindeer 10. Kangaroo

### B. How do these Animals Serve Us :

1. Horse 2. Hen 3. Oxen 4. Sheep 5. Dog
6. Buffalo 7. Cow 8. Donkey 9. Pig 10. Goat

## Step 12 : On the Playground :

A. 1. Hockey, Football 2. Cricket 3. Cricket 4. Cricket 5. Hockey

6. Football 7. Hockey 8. Cricket 9. Hockey, Football 10. Cricket

B. 1. Five 2. Six to Nine 3. Two 4. Eleven

C. Four in each team

D. 1. Badminton 2. Cricket 3. Long Races 4. Hockey 5. Lawn Tennis

**Step 13 :**

**A. Open-Air Pastimes :**

1. Camping 2. Fishing 3. Horse riding 4. Rock-climbing
5. Bird-watching 6. Swimming 7. Hiking 8. Boating
9. Kite-flying 10. Picnic-party

**B. Your Spare-time Hobbies :**

1. First aid 2. Photography 3. Dancing 4. Gardening
5. Workshop 6. Painting 7. Music 8. Dress-making
9. Broadcasting 10. Magic show

**Step 14 : Animal World : Adaptation to Strange Ways of Life :**

1. Dog 2. Crocodile 3. Bird 4. Cow 5. Eagle
6. Lizard 7. Duck 8. Hen 9. Ostrich 10. Elephant
11. Frog 12. Horse 13. Lion 14. Fish 15. Butterfly
16. Stork 17. Monkey 18. Cat 19. Chameleon 20. Penguin

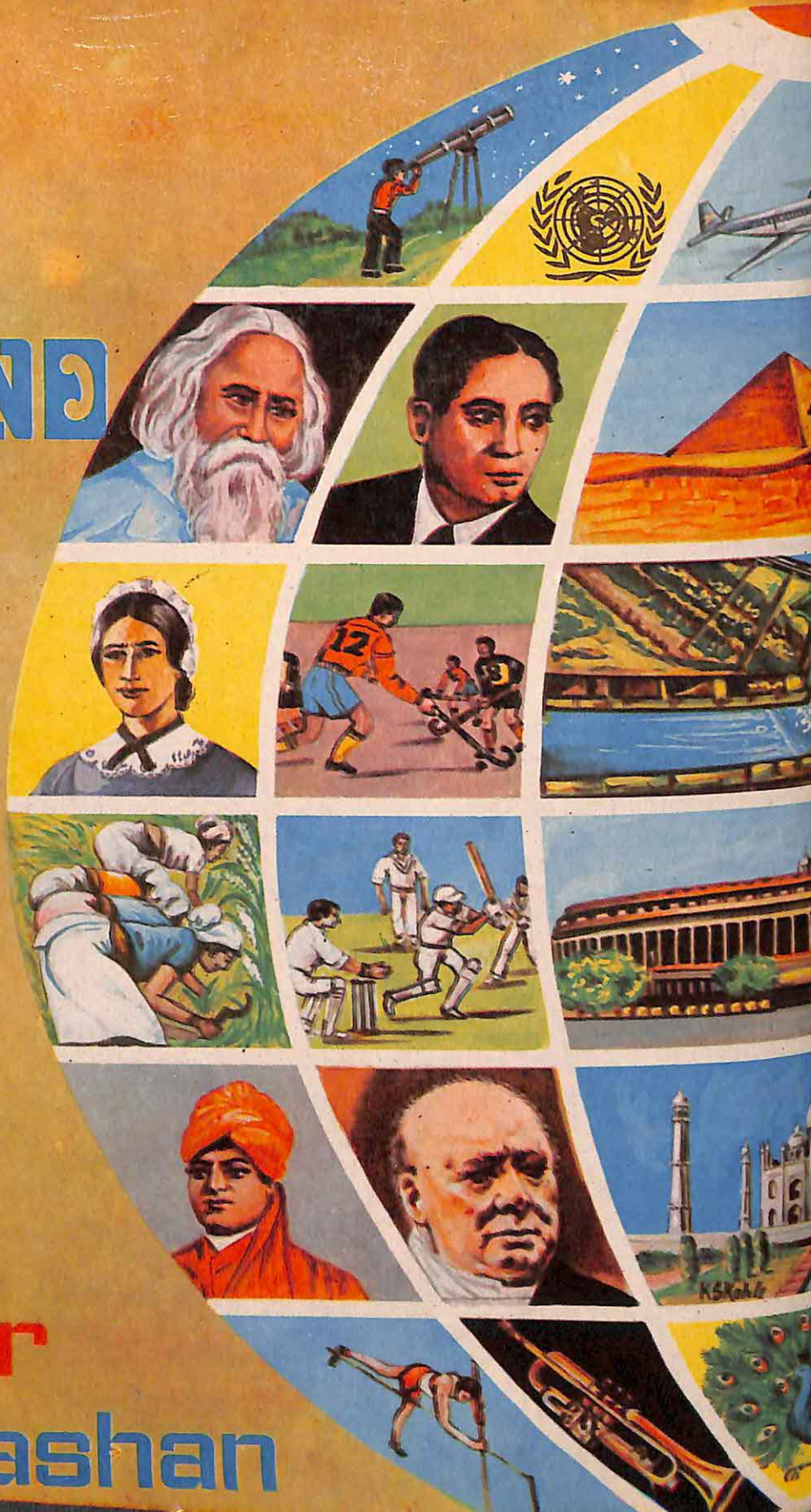
**Step 15 : Little Tit-Bits on Health and Hygiene :**

1. Oxygen purifies blood in the lungs and removes poisonous gases
2. This is to avoid catching of Malaria.
3. One should try to keep away from the person down with cold and cough and should not use utensils, towels etc. used by him.
4. One of these : Diarrhoea, Dysentery, Typhoid or Cholera.
5. One of these : Ditto.
6. Suffocation-Asphyxia. 7. Artificial Respiration.
8. Sprain : to be bandaged and hot sponge to be given.
9. The germs of cold and cough should not pass on to others in the family.
10. Germs of such diseases, as Dysentery, Diarrohoea, Cholera etc. are destroyed.
11. She should not run about and lie down.
12. Fire to be quenched with earth.
13. She should be covered with a blanket.
14. Sweets, Toffee and Chewing gum.
15. a. Burnol b. Dettol c. Aspro (should not be used very liberally)
d. Amritanjan e. Vit. C f. Gargling with warm saline water.

**Step 16: Your Neighbourhood**

Answers will differ from student to student, according to the town where resides and the local situation of one's house and school.

# THE WORLD AROUND US



Ambar Parkashan